

MOUNT ST. MARY'S 1980 CATALOG 1982

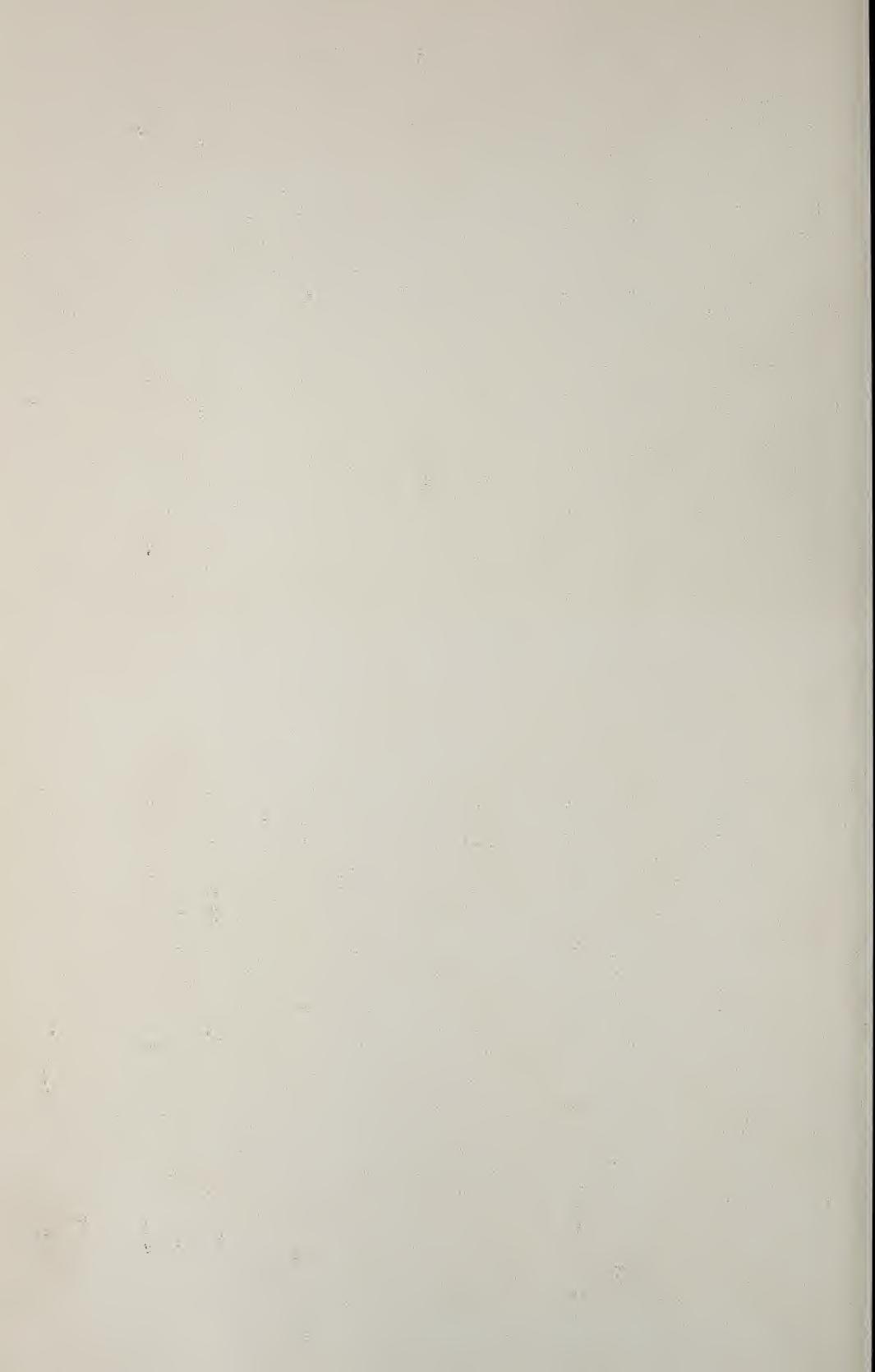




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Every effort has been made to make the information contained in this catalog as accurate and up-to-date as possible. The information is, however, subject to change without notice. Those interested in any program or offering are invited to discuss their interest with the appropriate college official who can advise them of any changes.

Accreditations

Chartered by the State of California in 1925, Mount St. Mary's College is accredited by:

The Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges.

The California State Board of Education.

The California Board of Registered Nursing.

The National League for Nursing.

The National Association of Schools of Music.

Nondiscrimination Policy

Mount St. Mary's College does not discriminate on the basis of race, color, creed, national origin, age or handicap in the administration of its admission policies, scholarship and loan programs, or in its educational programs.

The College offers equal opportunity to all members of its faculty and staff and to applicants for employment without discrimination as to race, color, creed, sex, age, handicap or national origin.

Mount St. Mary's College complies with the provisions of the Family Educational Rights and Privacy Act of 1974.

In conformance with College Policy, Mount St. Mary's College is an Affirmative Action/Equal Opportunity Employer.

Inquiries regarding the College's equal opportunity policies may be directed to Dieter R. Philippi, Affirmative Action Coordinator at (213) 476-2237.

Archives
MSMC

ACADEMIC CALENDAR

1980-81

GRADUATE & UNDERGRADUATE PROGRAMS

**FALL, 1980
(15 WEEKS)**

S	M	T	W	T	F	S
MAY						
1 2 3						
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	
JUNE						
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				
JULY						
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26	27	28	29	30	31	
AUGUST						
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9	10	11	12	13	14	15
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30	31					
SEPTEMBER						
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27	28	29	30			
OCTOBER						
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

May-July		Early registration for Fall, 1980, and Interterm, 1981
September	2-3	Faculty-Administrative Planning: long range/accreditation
	4	Advisement and registration of new undergraduate students who did not complete early registration, 9:00 a.m.-12:00 noon; all new resident students move into dorms
	5	Last day to meet financial obligations; last day to register for undergraduate students who did not complete early registration, 9:00 a.m.-12:00 noon
	5-7	Student Orientation
	6	Graduate program and Evening College registration, 9:00 a.m.-12:00 noon, DOHENY CAMPUS
	7	Returning resident students arrive
	8	Classes begin
	16	Last day to add a course without a petition; to drop a course without a fee; to register late
	17	HORIZONS '80 CONVOCATION — Mass of the Holy Spirit (classes will not meet 9:30 a.m.-12:00 noon)
October	12	Last day to file for December/January graduation
	23	Notice of mid-semester academic difficulty

S	M	T	W	T	F	S
NOVEMBER						
1 2 3 4 5 6 7						
8	9	10	11	12	13	14
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DECEMBER						
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	24-25	No classes meet
November	10-21	Early registration for Spring, 1981
	25	Last day for Bachelor degree students to file for May graduation
	27-30	Thanksgiving Vacation
December	1	Classes resume
	3	Last day to withdraw from courses with a grade of W; to file for CR/NC; to declare audit
	15-19	Final examinations
	20	Christmas Vacation begins

INTERTERM, 1981

S	M	T	W	T	F	S
JANUARY						
1 2 3						
4	5	6	7	8	9	10
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FEBRUARY						
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MARCH						
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29	30	31				

January	5	Classes begin; late registration for returning students; registration for new and exchange students
	7	Last day to add a course
	21	Last day to withdraw from courses with a grade of W; to declare CR/NC; to declare audit
	30	Last day of classes
February	6	Last day to meet financial obligations for Spring semester; last day for advisement and registration of undergraduate students who did not complete early registration, 9:00 a.m. — 12:00 noon
	7	Graduate program and Evening College registration, 9:00 a.m. — 12:00 noon, DOHENY CAMPUS
	9	Classes begin
	16	Washington's Birthday Holiday

S	M	T	W	T	F	S
APRIL						
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JULY						
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

April

18 Last day to add a course without a petition; to drop a course without a fee; to register late

20 Last day to file for Master's degree to be conferred in May, 1981

3 Notice of mid-semester academic difficulty

16-26 Easter Vacation

27 Classes resume

29 SIENA DAY

May

1 Last day for sophomores to declare major

8 Last day to withdraw from courses with a grade of W; to file for CR/NC; to declare audit

25-29 Final examinations

28 Graduate Hooding Ceremony

30 Mary's Day, Laurel Day, Baccalaureate

31 Graduation

May-July Early registration for Fall, 1981

THE COLLEGE



HISTORY

Founded by the Sisters of St. Joseph of Carondelet in 1925, Mount St. Mary's College has graduated more than 6,500 students in majors ranging from traditional liberal arts studies to individually designed programs. At the time of its founding, the college was housed temporarily at St. Mary's Academy, then located at Slauson and Crenshaw in Los Angeles.

Two years later, in 1927, the Sisters purchased 36 acres from Rodeo Land and Water Company at \$4,500 per acre. The new site for the college stretched among the foothills of the Santa Monica mountains, 1100 feet above sea level, overlooking Los Angeles and 40 miles of Pacific Ocean. Twenty years later, an additional purchase brought the Chalon campus to its present 56 acres. At the first commencement exercises, June 16, 1929, baccalaureate degrees were awarded to ten students in the charter class.

In 1962 the college expanded to its second campus on the Doheny Estate in central Los Angeles. The Doheny campus complements the educational opportunities of the original Chalon campus in west Los Angeles by offering two-year career-oriented Associate degree programs and graduate programs.

CHARACTERIZATION OF MOUNT ST. MARY'S COLLEGE

Academic Focus

Mount St. Mary's College is an academic community devoted to continuing exploration of our relation to God, other persons, and nature. This exploration takes the form of programs designed to provide experience in the principal modes of thought by which we reach understanding, and the strengths and limitations of these modes. The objectives are to assist the student to develop a disciplined and continuing curiosity, a receptivity to new ideas, and a base for evaluation of these ideas.

Within the framework of these same major objectives, the College also offers programs, undergraduate and graduate, in which the student engages in more intensive study appropriate to a specific career. In this way the College ensures that it will not only directly serve the society that supports it, but will also enhance the student's awareness of an ever-changing context within which values of the individual must operate. It is in this latter context of a dynamic society that programs of continuing education will find and play their role.

The Religious Commitment

The Catholic commitment of the College manifests itself in many ways. It is found in opportunities for worship. It is found in academic programs. It is found in the way the College functions. Above all, it is found in the whole environment in which inquiry and learning take place. Thus, the College embodies Christian convictions supportive of lives of commitment and Christian concern in a secular society.

Distinctive Services

Several factors emerge from the history and environment of the College that create a distinctive community. A true academic community becomes possible: the total col-

lege — not just the classroom, the academic major or the course — is a learning environment. Historically, the College is a liberal arts institution with a special concern for the education of women; however, men are admitted to undergraduate music and nursing, to graduate programs, and to summer sessions. It is a small college of about 1000 students on two campuses.

The Chalon campus primarily offers baccalaureate programs in liberal arts and sciences, and related professional training. The Doheny campus offers a variety of programs ranging from two-year through graduate, in which the metropolitan setting is a significant factor in learning.

EVENING COLLEGE

Mount St. Mary's College offers adult students the opportunity to attend evening classes on both campus, Chalon and Doheny, which usually meet only one night each week. The Evening College is designed primarily for women of all ages and backgrounds:

- women who want the learning opportunities and certification to advance in a career which only a college education provides;
- women with the interest and energy to pursue serious academic study but whose work or family responsibilities make it impossible for them to attend day classes;
- women capable of self-directed study who desire an atmosphere that fosters intellectual exchange and sharing.

CENTER FOR MANAGEMENT DEVELOPMENT

The Center for Management Development offers a Certificate in Management to persons who are preparing to enter the field of management as well as to those who wish to advance their level of managerial skills. Courses are scheduled on Thursday evenings, Saturday mornings and Saturday afternoons for 13 weeks, with classes meeting every other week.

The total Certificate in Management program provides for three levels of management awards:

The **Basic Management Certificate** is awarded for the successful completion of the following five courses: Managerial Accounting, Marketing Management, Management (I or II), Use of the Computer, and Financial Management.

The **Intermediate Management Certificate** is awarded at the completion of ten courses.

The **Advanced Management Certificate** is awarded for the completion of a total of fifteen courses.

Courses at the Intermediate and Advanced Certificate levels may be taken in any sequence according to the needs of the participants.

There are no academic prerequisites for the Certificate in Management program other than at least a high school education and previous or current work experience.

In addition to earning the Certificate in Management students can earn transferable academic credit for each course completed.

The fee for the Certificate in Management is \$800 for five courses (\$175 for individual courses). The college will bill companies/organizations as directed by participants.

For information and application forms, please contact the Director of the Center for Management Development.

Student Development

On both campuses, the Student Development Offices sponsor a wide variety of activities and services ranging from opportunities for participation in religious, social, and leadership programs to health services, career counseling, and student government. Details of these services and activities are contained within the Student Development section of each of the degree program descriptions.

Academic Government

The academic community that is the College requires of each constituent group a distinct role related to the welfare of the whole. As such, it is not a microcosmic political society of identical and equal units in which egalitarian principles can operate. Rather, functional distinctions produce different kinds of responsibilities which in turn must determine kinds of authority.

For example, students and alumnae are helpful when they advise on the quality of teaching and the adequacy of programs. Faculty are best equipped to determine academic content and to advise on program needs. Administrators and staff perform their function when they allocate scarce resources and provide the services necessary to achieve the academic purposes of the College most effectively. Regents assist through participation in College functions and in support of advancement programs. Trustees best discharge their responsibility by defining College goals, reviewing collegiate performance, and providing effective liaison with concerned extra-mural groups.

Because Mount St. Mary's College is a community, each group has an additional responsibility for keeping the others informed and for soliciting the views of others on matters of mutual or overlapping concern. The separation of function must, however, always parallel the division of authority, and the exercise of authority must always recognize the interdependence of each group in achieving the welfare of the College.

Affiliations

The Frostig Center for Educational Therapy, established in 1948, became associated with Mount St. Mary's College in 1969.

The Center-College association provides for a sharing of faculties and facilities, with Mount St. Mary's granting the Master of Science degree with a specialization in Special Education in the area of Learning Handicapped, and the California Specialist Credential in Special Education — Learning Handicapped. The program prepares leadership personnel for school systems that give help to the educationally handicapped.

Family Education Rights and Privacy Act

Mount St. Mary's College fully conforms with the Family Education Rights and Privacy Act (the Buckley Amendment) of 1974. In accordance with this act, official records are made available to students and are not made available to off-campus persons or agencies without the express consent of the student, except under legal compulsion or in cases in which the safety of persons or property is involved, or for educational improvement. See current Student Handbook for policy statement.

Legal Responsibility of the College

The college endeavors to safeguard students in the use of physical facilities, laboratories, and athletic equipment. It is clearly understood that students who use college facilities do so entirely at their own risk. Emergency first aid treatment is available, but the college has no legal responsibility for injury or other damages suffered by students on or off the campus, or in travel to and from such activities or for any expenses in connection therewith.

Student Health and Accident Insurance

(Subject to change in 1981)

All full-time students who are not covered by personal insurance must carry the Student Health and Accident Insurance. Students who are already covered by personal health insurance may elect not to participate in this plan. However, it is necessary to submit a Waiver Card no later than September 1. If the completed waiver card is not returned by that date, the student will automatically be enrolled for coverage and the premium fee will be added to the college fees. Graduate students may elect to purchase Student Health and Accident Insurance.

THE ALUMNAE ASSOCIATION

The Alumnae Association works toward the goals and interests of the College and toward strengthening avenues of communication and bonds of loyalty between the College and graduates of the Mount.

The Alumnae Association is a member of the Council for Advancement and Support of Education. Its members qualify for membership in the American Association of University Women; the International Federation of Catholic Alumnae; Kappa Gamma Pi, the honor society for the graduates from Catholic colleges for women; and Delta Epsilon Sigma, honor society for graduates of Catholic universities and colleges.

DEGREE PROGRAMS

Associate Degree Program

At the Doheny Campus two-year courses of study are offered which lead to the Associate in Arts degree. With prime emphasis on the student as an individual, the program attempts to enhance self-development through involvement on and off campus in OUTREACH activities — social action and fieldwork — and in institutional involvement. Extensive advisement and counseling programs and a core program in communication skills support the regular course work.

Students may specialize in Business, Liberal Arts, Nursing, Physical Therapy Assistant, Pre-School Teaching, and Respiratory Therapy. The Nursing program makes the student eligible to write the licensing examination to practice as a registered nurse and to use the title R.N. The two-year program can also prepare the student to transfer to the Chalon Campus, or can lend itself to individually designed study programs.

Bachelors Degree Programs

Mount St. Mary's College offers four-year courses of study leading to the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, and Bachelor of Science. Primarily these are offered at the Chalon Campus.

Within the liberal arts tradition, the curriculum provides the student with a broad and liberating background in the arts and sciences, and aims at developing his/her ability to communicate knowledge and to apply appropriate principles and techniques to particular problems. During the junior and senior years, the students pursue deeper study in their major areas of concentration and take related elective courses.

Masters Degree Programs/Teacher Credential Programs

Since 1931, the graduate division of Mount St. Mary's College has extended and deepened the work of the undergraduate departments by offering to qualified men and women the opportunity to pursue advanced courses and to obtain professional training.

Students may earn the degrees of Master of Arts in Religious Studies and Master of Science in Education with specializations in Administrative Studies, Bilingual/Cross-cultural Studies, Counseling (Pupil Personnel Services; Marriage, Family, and Child Counseling; and Human Services), and Special Education (Learning Handicapped). This latter specialization is in collaboration with the Leadership Program of the Marianne Frostig Center of Educational Therapy. Individually Designed Master of Science degrees in Education may also be developed.

The graduate division also offers courses which qualify the student for various specializations in the California Teaching Credentials and for the California Services and Specialist Credentials.

LIBRARY FACILITIES

The Charles Willard Coe Memorial Library, located on the Chalon Campus, is the principal library of Mount St. Mary's College. Constructed in 1947, the Coe Library houses the majority of library materials for both campuses and also houses the Instructional Media Center.

Established with National Science Foundation funding under their Comprehensive Assistance to Undergraduate Science Education (CAUSE) program, the Instructional Media Center provides a learning support system designed to respond to students' needs for individualized self-paced instructional modules for remediation, when necessary, for reenforcement of classroom content, and for enrichment. Faculty and students are assisted by the media center staff in the selection, utilization, and production of nonbook materials such as videocassettes, super-eight films, and sound slide programs.

The Doheny Campus Library is housed in the former Leonardt Mansion on the campus. The Mayer Grant Special Education collection is a part of the Doheny holdings. Mount St. Mary's students may use the library on either campus.

The libraries serving both the Chalon and Doheny campuses currently hold over 130,000 volumes, including bound periodicals, and subscribe to more than 600 periodicals. Moreover, the libraries contain over 5500 titles of media material. Books and audiovisual materials are lent from one library to the other to accommodate the changing curriculum and to meet the needs of faculty and students.

Students, actively encouraged to use the libraries of Mount St. Mary's College, are also eligible to use the library facilities of other local colleges and universities.

CALENDAR

Mount St. Mary's College operates on a semester calendar with Fall classes beginning around Labor Day and ending before Christmas. The month of January is currently Interterm, described below. The Spring semester begins around the first of February and ends in late May. This calendar, known as 4-1-4, is currently under study and subject to change.

The college offers courses, workshops, and seminars during the summer. A separate schedule of summer offerings is published during the spring.

INTERTERM

Full-time students at Mount St. Mary's College are expected to participate in the Interterm program as part of the academic year. During the month of January, students will ordinarily concentrate on a single activity. Thus, the student should plan on devoting full time (30-40 hours a week) to the study chosen. Opportunities for interdepartmental work, for in-depth study in one area, for research, for independent study, and for travel will be available during Interterm.

Opportunities are also available for students to participate in Interterm experiences at other colleges on an exchange basis.

Students are encouraged to explore interest areas both inside and outside their major department on either the Chalon or the Doheny campus.

Students should note that a maximum of six non-required units in special programs may be counted toward the baccalaureate degree.

Students may take a maximum of four units during an Interterm session. These units are not computed with the 12-17 units which a full-time student may take during the Fall or Spring semesters.

Enrollment in Interterm courses is determined on a first-come, first-served basis during the days allotted to each specific class level. Seniors will be given preference on the first day of registration. All courses taken during the Interterm period must be completed by the end of January. Incompletes may not be given except in extraordinary circumstances and with the consent of the dean.

A college committee has been studying various aspects of Interterm and as of this publication date a final decision with regard to its continuation has not been made. For information about Interterm after 1981, please consult the annual calendar or listing of classes.

THE CHALON CAMPUS

The Chalon Campus is an impressive multi-level complex of buildings and gardens on a thousand-foot ridge overlooking UCLA and Westwood Village. The architecture is white Spanish colonial, with arched walkways connecting many of the buildings. The Chapel occupies the central position on campus with wide stone stairways approaching it on two sides. Outdoor graduation ceremonies are held in this area.

In the Charles Willard Coe Library, students have free access to library stacks, and to the special collections of art, music, and literature. The rare book treasury contains among other rare editions a fine collection of documents and manuscripts relating to the Oxford Movement and to John Henry Newman. Also housed in the library are the Instructional Media Center and the Learning Assistance Center.

The administration building accommodates the offices of the President, Dean, Registrar, and Business Manager. Off the patio linking the administration and humanities buildings is the Admissions Office.

The five-story Humanities Building contains classrooms; conference rooms; the computer center; the Financial Aid Office; special facilities for the music department; faculty, student, and administrative offices; health services center; and the bookstore. The Campus Center which comprises nearly the entire first floor is used for social and academic functions. Commuter students find it a very relaxing place for conversation, study, or reading.

Jose Drudis-Biada Hall, the art building, contains art galleries, faculty offices, classrooms, and studios.

Brady Hall and Carondelet Hall, residence halls, provide living accommodations and dining facilities for more than 300 students. Students may choose single rooms, double rooms, or suites. Reception rooms, lounge areas, study rooms, kitchenettes, and laundry facilities are conveniently arranged. Apartments and mobile units are also available for student residence.

Rossiter Hall is a residence for Sisters of St. Joseph living on campus.

An outdoor swimming pool and tennis courts are located at the north end of the campus.

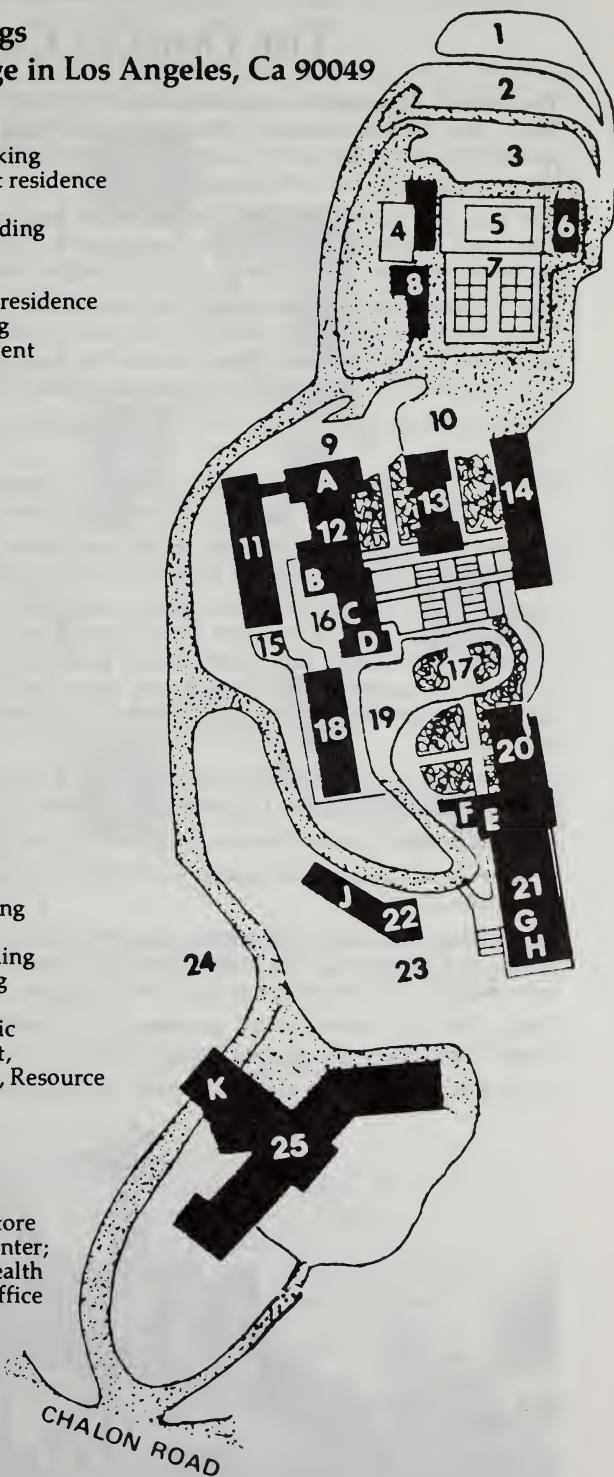


Chalon Campus Buildings

Mount St. Mary's College in Los Angeles, Ca 90049

1980 Legend

- 1-3 Student and visitor parking
- 4 Mobile units — student residence
- 5 Swimming pool
- 6 Physical Education building
- 7 Tennis courts
- 8 Maintenance office
- 9 Apartments — student residence
- 10 Visitor and staff parking
- 11 Carondelet Hall — student residence
- 12 Brady Hall residence ground floor:
A-College Press
Food Service
Purchasing
B-Dining rooms
C-Mail room
D-Rumpus Room
lower level:
Academic Advise-
ment Center
- 13 Mary Chapel
- 14 Rossiter Hall — sisters' residence
- 15 Casa
- 16 Patio
- 17 Circle area
- 18 Charles Willard Coe Library
Lower level:
Instructional
Media Center; Learning
Assistance Center
- 19 Visitor and faculty parking
- 20 Administration building
1st floor: Offices of
President, Academic
Dean and Assistant,
Registrar, Business, Resource
Development
E-Little Theater
F-Admissions
- 21 Humanities building
G-2nd floor: Student
Development; Bookstore
H-1st floor: Campus Center;
Campus Ministry, Health
Service, Commuter office
- 22 Drudis Art building
J-Art Galleries
- 23-24 Student parking
- 25 Carondelet Center
K-Chapel



THE DOHENY CAMPUS

The college expanded to a second campus in 1962. The Doheny Campus at Chester Place, near the intersection of the Harbor and Santa Monica Freeways, is located on property formerly owned by Edward L. Doheny and his wife, the Countess Estelle Doheny. The campus has been named for them.

The two city blocks of Victorian residences in their setting of exotic trees and flowers have been converted to educational purposes. In 1965, a classroom building containing an auditorium, lecture rooms, and laboratories was erected.

The Doheny Campus supplements and extends the educational opportunities which Mount St. Mary's College offers. This location, close to the industrial part of Los Angeles, was thought to be an ideal location for two-year, career-oriented associate degree programs; for graduate degree programs; and for California Credential programs.

Number One Chester Place houses the Nursing Department's self-paced skills laboratory.

Number Two Chester Place is the Doheny Campus Library which supplements the Chalon Campus Coe Library with additional volumes and current periodicals.

Number Seven contains the office of the Associate in Arts dean, the offices of Admissions and Financial Aid, faculty offices, and the communication skills laboratory.

Number Eight Chester Place, the former home of the Dohenys, has been declared a California Historical Monument. This beautiful three-story late Victorian structure is often used for student and faculty events, both educational and social. An art gallery, a number of reception rooms and dining rooms, and the Pompeian Room — a domed hall of Italian marble — are located on the first floor. The other floors are not open to the public.

Number Ten is the administration building; it houses the Graduate School and Registrar's Offices as well as the Education Department offices.

Number Eleven Chester Place is a residence for the religious faculty.

Number Seventeen accommodates the Child Care Center conducted by the Education Department.

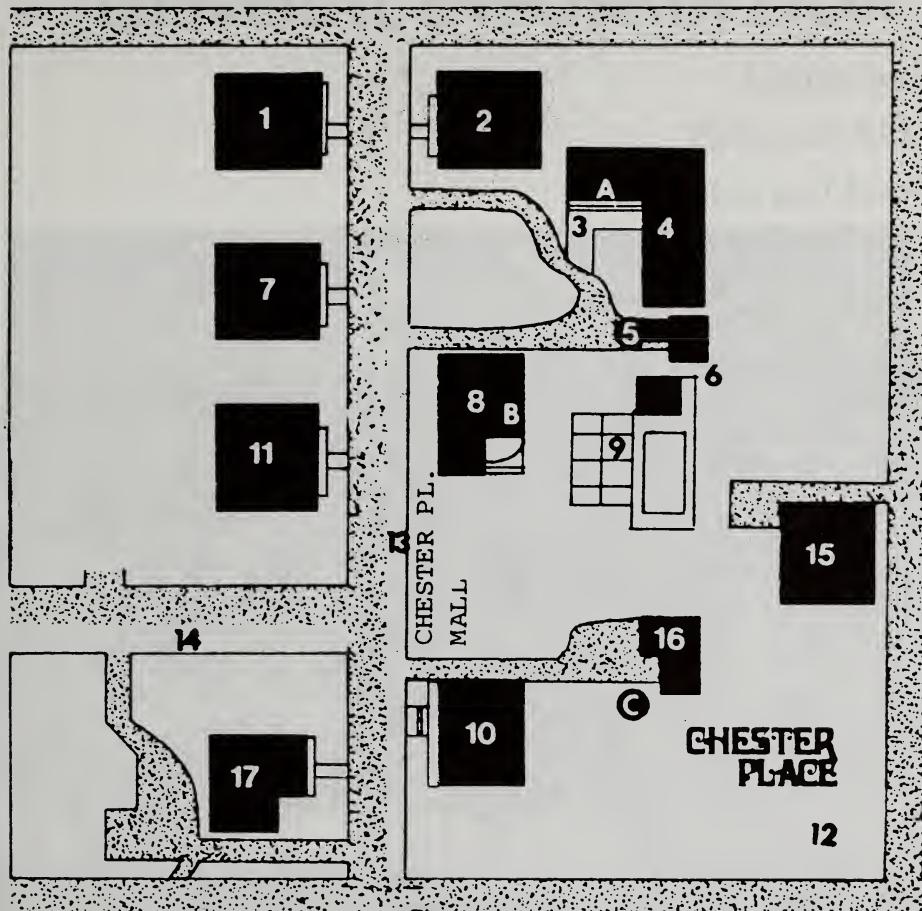
Carondelet Center, formerly a game room for the Doheny family, contains the student center and bookstore. The former carriage house behind Number Ten has recently been restored and serves as a unique setting for the art department.

Prague Hall, the residence hall, accommodates about twenty resident students. Other resident students reside at the Chalon Campus.

Parking areas are on the mall. The tennis courts are in the area behind Number Eight.



23rd



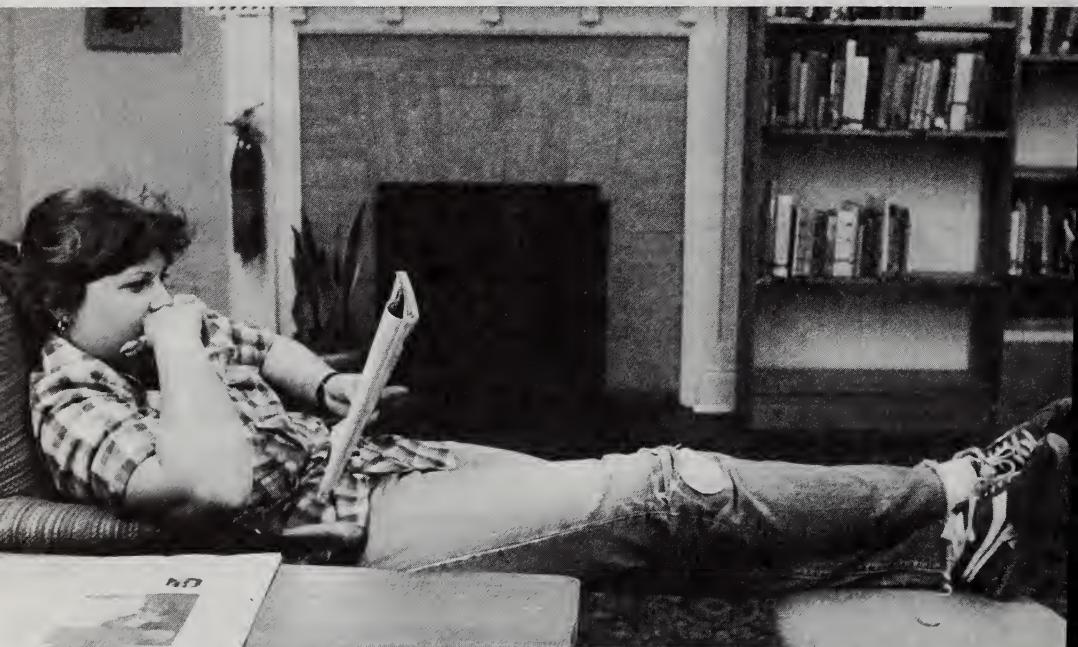
ADAMS

Doheny Campus Buildings

Mount St. Mary's College in Los Angeles, Ca 90007

1980 Legend

1	Nursing Lab, Music	B-Pompeian Room	
2	Library	9	Tennis court
3	Patio	10	Administration Office
4	Classrooms and Labs	Graduate School Office	
	Student Development		
	Office	11	Faculty residence
A	Lecture hall	12-14	Student, staff and faculty parking
5	Carondelet Center	15	Prague Hall — student residence
6	Garages and pool area	2421 S. Figueroa	
7	Associate in Arts Dean	16	Art studios and gallery
	Admissions Office	C-Gazebo	
	Financial Aid Office		
8	Doheny Hall/faculty	17	Child development center
	residence		



GENERAL INFORMATION

Admission

Financial Aid

Tuition and Fees



ADMISSION TO THE UNDERGRADUATE DEGREE PROGRAMS

Admission to the Associate Degree Programs

Applicants for the Associate Degree Program should be graduates of an accredited high school.

Applicants with more than 15 transferable semester units may be considered for admission as transfer students and are not required to submit high school transcripts or SAT/ACT scores. Applicants with fewer than 15 transferable units must satisfy freshmen admission requirements and procedures as well as submit transcripts of all college work. A previous college record may not be disregarded.

While individual majors in the Associate in Arts program may have additional requirements, the basic criterion for admission is the ability to benefit from the program. All majors are open to women. Men are admitted into the Nursing Program.

Admission to the Baccalaureate Degree Programs

Applicants must be graduates of an accredited high school and should have completed a college preparatory course of study including the following: algebra, geometry, three years of English (literature and composition), U.S. History, government, a lab science, two years of a foreign language and an advanced course in either mathematics, science or a foreign language. Some majors may have additional requirements.

Students should have an average of B or better in these college preparatory courses as well as satisfactory SAT or ACT scores.

An applicant who has taken any college level classes since graduation from high school must apply for admission to advanced standing as a transfer student. A previous college record may not be disregarded. The transfer student who, as a high school graduate, was qualified for admission as a freshman may be admitted to the college with a cumulative grade point average of at least 2.25 for all transferable college work attempted.

The transfer student who, as a high school graduate, was not qualified for admission as a freshman may be admitted to the college after completing a minimum of 30 transferable units with a cumulative grade point average of at least 2.25. Some majors may have additional requirements.

All majors are open to women. Men may be admitted into the Music and Nursing Programs.

Admission to Graduate Study

For admission policies and procedures for the Graduate Division, see the next section of the catalog.

Honors at Entrance

Applicants may qualify for Honors at Entrance by rating 1230 or above on the following formula:

$$400 \times \text{GPA} + \text{S. A. T.}$$

2

Certificates of Honors at Entrance are mailed to the student's high school.

UNDERGRADUATE ADMISSION PROCEDURES

All applications for admission and supporting documents should be sent to the Admissions Office, Chalon Campus.

Freshman Admission Procedures

Freshman applicants for admission must submit the following:

1. Completed application form with an application fee of \$25.00. This processing fee is not refundable nor applicable to tuition. Application fee waivers are granted upon evidence of financial need.
2. High school transcript which should include the first semester grades of the senior year. For students applying to the Chalon Campus, the following courses are used in computing grade point average: algebra, geometry, English, U.S. history, government, lab sciences, foreign languages and advanced mathematics. A final transcript must be sent at graduation.
Students with a grade point average above 3.3 may be considered for admission without senior year grades. Transcripts submitted become the property of Mount St. Mary's College and cannot be returned to the applicant.
3. Scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT). Information concerning registration for either of these tests is available in the Admissions Office or the high school counseling office.
4. Three letters of recommendation.
5. Other information a student may wish to provide in support of her/his application: awards, honors, special experiences.
6. A health form, provided by the college, must be returned before registration.

Foreign Student Admission Procedures

1. Foreign students must present evidence of proficiency in oral and written English by TOEFL scores of 550 or better or satisfactory completion of the ninth level at an ELS Language Center in addition to other admission requirements above.
2. A statement guaranteeing financial support is also required.

A personal interview is strongly recommended and can be arranged through the Admissions Office.

Transfer Admission Procedures

Transfer applicants for admission must submit the following:

1. Completed application form with an application fee of \$25.00. This processing fee is not refundable nor applicable to tuition. Application fee waivers are granted upon evidence of financial need.
2. Transcripts of credits. College transfer students should request the Registrar of each college they have attended to forward two copies of their transcript, including work in progress, directly to the Admissions Office. Transcripts submitted become the property of Mount St. Mary's College and cannot be returned to the applicant. Official transcripts of all prior college work must be on file in the Office of the Registrar by the end of the first semester of attendance.
3. Three letters of recommendation.
4. Transfer students to the Associate in Arts program with less than 15 transferable units or to the Baccalaureate program with less than 30 transferable units must also submit their high school transcript and SAT or ACT scores.
5. Other information a student may wish to provide in support of her/his application: awards, honors, special experiences.

Foreign Student Admission Procedures (Transfer Students)

1. Foreign students, in addition to other admission requirements, must present evidence of proficiency in oral and written English by TOEFL scores of 550 or better or satisfactory completion of the ninth level at an ELS Language Center. In addition, foreign students must submit an English translation of their official college transcripts including the following information: descriptive titles of courses studied (i.e., European History, Inorganic Chemistry), the number of lecture hours and laboratory hours per week devoted to each course, the number of weeks of lecture and laboratory work in each course, and the grades earned with an explanation of the marking system.
2. A statement guaranteeing financial support is also required.

Procedures for Admission to Baccalaureate Program From Associate Program

Mount St. Mary's College offers students who begin their studies with the associate degree the opportunity to continue in a baccalaureate program, either immediately after the completion of the associate degree requirements or after stopping out of school for a time. For the specific information about requirements for the baccalaureate degree programs, consult the appropriate listing in the catalog or meet with the program director.

Applicants who are applying for a change from the associate program to the baccalaureate program must submit the following to the Office of Admissions, Chalon Campus:

1. Completed change of program application form;
2. One copy of transcripts.

Change of program applications are available at the Admissions Office, Doheny Campus.

Placement and Acceleration

Acceleration Program for High School Students

Superior high school juniors or seniors who are recommended by their principals may be permitted to enroll in regular on-campus classes and earn college credit. A special reduced fee is available for 1-6 units per semester.

Advanced Placement

Students who earn scores of 3, 4, or 5 in Advanced Placement Examinations (ETS) may receive credit for equivalent courses provided they are accepted and registered students at Mount St. Mary's College. Students taking the Advanced Placement Examinations should arrange to have test results sent to the Office of Admissions.

Admission as a Special Student or Continuing Education Woman

Persons who wish to be admitted to the college to attend a seminar, class or classes, without matriculating into one of the degree programs, may be admitted as *special students*. Students should complete an application form but are exempt from other admission requirements such as ACT or SAT scores and letters of recommendation.

Women who wish to begin or return to college after an interruption in their studies may take up to twelve units as special students without declaring their intention to matriculate. If after successfully completing the twelve units, the student wishes to remain as a special student, the Advisement Center should be so advised. However, if the student wishes to matriculate into a degree program as a continuing education woman, application through the Admissions Office should be completed. The student should also make this intention known to the Advisement Center, which will provide for academic advisement, transfer evaluation, portfolio evaluation, and other services as needed. For more complete details, see the section on the Transfer Student on page 36.

Testing

All first time freshmen and transfers with less than 60 units complete a battery of tests including reading, writing, and math prior to registering for classes. Specific details of the testing program are mailed to all accepted students in late spring or early summer. Special programs of study and assistance are available to students whose test scores suggest they would experience difficulty with college-level work.

FINANCIAL AID

All financial aid at Mount St. Mary's College is administered in accordance with principles which have been established nationally. These are based on the belief that parents have a responsibility for assisting their children to meet educational costs, and that financial aid is available to fill the gap between a family's contribution (including the student's own potential resources) and the student's yearly academic expenses.

The amount of the contribution expected from a family is determined by a careful analysis of the family's financial strength, based on the "Financial Aid Form" (FAF)

which is submitted to the College Scholarship Service of the College Entrance Examination Board.

There are many financial assistance programs available from sources outside the college such as Cal Grants A, B, C from the State, Federal Basic Educational Opportunity Grants, Federal loans, and scholarships given by foundations, business firms, and clubs. High school seniors who have financial need should investigate all of these sources of aid. High school seniors should also obtain information on how to apply for a Basic Educational Opportunity Grant from their counselors.

The financial aid programs available at MSMC are:

Scholarships/Grants/Awards: Art and Music scholarships, Alumnae scholarships, Supplemental Educational Opportunity Grants, Federal Nursing Grants, Dean's Awards, Leadership Awards, other MSMC grants and awards.

Loans: National Direct Student Loans, Guaranteed Student Loans, Federal Nursing Loans; short term loans: United California Bank Emergency Loan (\$500 maximum); Nancy Manning Loan (\$50 maximum; Chalon students only). For both short term loans, contact Student Development Office.

Employment: College work-study, Service Contracts.

Financial aid at MSMC is awarded on the basis of satisfactory academic progress and financial need and without discrimination by sex, race or religion. Assistance is also dependent upon the availability of funds. Since all forms of aid must be coordinated with the awards from the California Student Aid Commission and BEOG, applicants are urged to complete the FAF/BEOG, common application and Cal Grant supplements by the designated deadline. Applications will be reviewed when all paperwork is on file and first priority will be given to students who meet MSMC deadline of March 1. Students' needs will be met with a combination package of scholarship, grant, loan and employment, based on the availability of funds and the individual situation of the student.

Financial aid brochures giving complete application and program information may be obtained by writing to the financial aid office at the Chalon or Doheny campuses.

EXPENSES FOR 1980-1981

Tuition (Payable at Registration)

Undergraduate Students

Full-time (12-17 units/semester plus Interterm)	\$3,450.00	per year
	1,725.00	per semester
Full-time (units in excess of 17/semester)	110.00	per unit
Part-time (Less than 12 units/semester not including Interterm)	110.00	per unit
Tuition Deposit — required of all incoming full-time undergraduate students. Not refundable. Applicable only to tuition.	100.00	

Graduate Students

Tuition (per unit)	110.00
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Special Programs

College Classes for High School Students (1-6 units)	50.00
Emeritus Status for Seniors, 50-yrs + (1-6 units)	50.00
Junior Year Abroad Registration	50.00
Tuition and Fees for Cooperative courses/programs will be calculated on an individual basis.	

Auditing Courses

Students register for audit in the same manner as for credit and pay the same fees.

Fees

Student Body Fees

Chalon Campus Students	15.00	per semester
Doheny Campus A.A. Students	15.00	per semester
Doheny Campus Graduate Students	5.00	per semester

Orientation Fee (for new students)	25.00
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Health Service Fee

Chalon Campus Students	20.00	per semester
Doheny Campus A.A. Students	23.00	per semester
Doheny Campus Graduate Students	23.00	per semester

Student Health and Accident Insurance (subject to change in 1981)	73.25	per year
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All full-time students who are not covered by personal insurance must carry the Student Health and Accident Insurance. Students who are already covered by personal health insurance may elect not to participate in this plan. However, it is necessary to submit a Waiver Card no later than September 1. If the completed Waiver Card is not returned by that date, the student will automatically be enrolled for coverage and the premium fee will be added to the college fees. Graduate students may elect to purchase Student Health and Accident Insurance.

Examinations

Comprehensive Examinations (Graduate Students)	75.00
Credit for a course by Examination (Non-refundable)	
Clinical Courses, per course	120.00
Other courses, per course	60.00
Portfolio Evaluation (Credit for prior/extr-institutional learning, non-refundable)	60.00

General

Application for Admission (all students)	25.00
Late Registration (after published dates and time of	

registration)	15.00	
Late Filing of Registration Materials	2.00	per day
Adding/Dropping Courses (per transaction)	2.00	
Adjustments in course schedule after published dates	10.00	
Graduation Fee — Undergraduate Students	35.00	
Graduation Fee — Graduate Students	60.00	
Transcripts	2.00	
Evaluation of Academic Records (non-refundable, but may be applied toward application fee)	25.00	
Teacher Placement File	7.00	
Teacher Placement file copies sent out at the request of the student (each copy)	3.00	
Project/Thesis Binding (per copy)	15.00	
Deferred payment fee	10.00	per month after Regis- tration Day
Administrative Fee for handling returned checks	5.00	

Courses

Student Teaching — Elementary	5.00	per unit
Student Teaching — Secondary	5.00	per unit
EDU 115 ABCD	7.00	per course
EDU 360 AB (per seminar and practicum)	120.00	
NUR 40 (equivalent to 6-unit course)	660.00	
NUR 100 (equivalent to 6-unit course)	660.00	
Applied Music — part-time student	35.00	per course fee paid to instructor
Private Music Lessons		

Full payment of all expenses is due on or before Registration Day of each semester; including all previous unpaid obligations.

Members of religious communities receive a 40% tuition discount during the academic year and summer session.

Residence

Board and small double room	1,855.00	per year
	927.50	per semester
Board and large double room	1,935.00	per year
	967.50	per semester
Board and single room	2,025.00	per year
	1,012.50	per semester
Board, single room, private bath	2,165.00	per year
	1,082.50	per semester
Board, Casa Mobile	1,785.00	per year
	892.50	per semester
Board and Room, Interterm only	225.00	
Board and Room, Doheny Campus	2,210.00	per year
	1,105.00	per semester

A guest rate of \$12.00 per day is required for residence during vacation periods.

An advance payment of \$100.00 is required for a room reservation. \$75.00 is applied to the student's account for the first semester; \$25.00 is retained from the first pay-

ment as a room deposit (to be applied against unusual cleaning and damage costs) until such time as the student discontinues residence.

Students already in residence make an advance deposit of \$75.00 for priority in requesting a room for the following year.

Rooms are reserved for the year. Room assignments are made in the order of receipt of the reservation payment.

Advance payment is forfeited if notice of withdrawal is received after August 1. Room deposit is forfeited if notice of intention to withdraw from residence is not given to the Director of Residence prior to the close of the Fall semester.

REFUNDS

All students complying with the procedure established for withdrawal from the College or from a course are entitled to a refund according to the following scale:

Period of Time	Refundable
During 1st Week (Tuition)	100% minus \$25.00 Administrative
During 1st Week (Room & Board)	75%
During 2nd Week (Tuition, Room & Board)	75%
During 3rd Week (Tuition, Room & Board)	50%
During 4th Week (Tuition, Room & Board)	25%
After 4th Week	- 0 -

For Interterm (Part-time Students)

Period of Time	Refundable
During 1st Week (Tuition, Room & Board)	50%
During 2nd Week (Tuition, Room & Board)	25%
After 2nd Week	- 0 -

The date on which notice of withdrawal is filed with the Registrar's Office is used to calculate the amount of refund of tuition and/or room and board. Refunds will first be credited against a student's financial aid, if any, before a balance accrues to the student. No refunds will be made for fees. Refunds will not be made in cases of suspension or dismissal.

When outside agencies, grants, scholarships or loans do not cover the withdrawal or change of unit charge, the individual will be responsible for the amount due.

Note Regarding Interterm

No additional charge is made for Interterm for full-time students; consequently, no refund will be made to anyone not attending. The tuition charge for the first half of the academic year, paid in September, covers the Fall semester and Interterm. The second half of the tuition charge for the academic year, paid in February, covers the Spring semester. For a full-time student entering the college for the first time after Christmas, payment for the Spring semester includes Interterm. Payment is made the time of registration. No refund will be made if the student does not attend Interterm.

The same policy applies to room and board charges. Since no additional charges are made, no refunds will be made.

Students who come to the college only for the Interterm and come outside the established exchange process will pay the regular per unit tuition and the board and room fee established for Interterm.

OBLIGATION FOR PAYMENT

Tuition for all students, including those whose tuition payments have been deferred, becomes an obligation in accordance with the provisions of the refund schedule.

Failure to make payments for tuition, fees, or other amounts owed the College when they fall due, or to arrange for such payments before their delinquent dates, is considered sufficient cause to 1) bar the student from classes or examinations, 2) withhold diploma, scholastic certificate or transcript of record, and/or 3) suspend the student.

All tuition and fees are subject to change without notice.

DEFERRED PAYMENT SCHEDULE (Effective Fall, 1980)

The following is the schedule of fees charged for deferred payments

Fall Semester	\$0-500	\$501-1,000	\$1,001-1,500	\$1,501-2,000	\$2,001-2,500	\$2,501 and above
September 6 — September 20	\$7.00	\$15.00	\$20.00	\$30.00	\$37.00	\$45.00
September 21 — October 20	\$7.00	\$15.00	\$20.00	\$30.00	\$37.00	\$45.00
October 21 — November 20	\$7.00	\$15.00	\$20.00	\$30.00	\$37.00	\$45.00
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Spring Semester						
February 7 — February 20	\$7.00	\$15.00	\$20.00	\$30.00	\$37.00	\$45.00
February 21 — March 20	\$7.00	\$15.00	\$20.00	\$30.00	\$37.00	\$45.00
March 21 — April 20	\$7.00	\$15.00	\$20.00	\$30.00	\$37.00	\$45.00

Possible methods for paying tuition, room and board and/or fees at Mount St. Mary's College:

- 1) Payment in full by mail. Payment must arrive at Mount St. Mary's College no later than August 20, 1980, for Fall semester or January 20, 1981, for Spring semester. This method of payment will greatly facilitate the registration process and eliminate any need to stand in long lines to pay in person on campus.

- 2) Payment in full by cash, check or money order on September 5, 1980, for Fall semester and February 6, 1981, for Spring semester. This payment must be made in person to the Business Office on campus.
- 3) Payment of minimum of 25% of all charges by mail and a series of deferred payments. (See above schedule.) This payment must be made by mail no later than August 20, 1980, for the Fall semester or January 20, 1981, for the Spring semester. Contact the Director of Business and Finance to make arrangements for all deferred payments.

N.B. Registration dates for the Academic Year 1981-1982 will be published in the Annual Supplement.





ACADEMIC INFORMATION/ STUDENT DEVELOPMENT



ACADEMIC POLICIES: ALL UNDERGRADUATE PROGRAMS

Grades

At the end of each term, the student receives a grade in every class. The grade indicates results of examinations, term reports, and general scholastic standing in the entire course.

A minimum grade point average (GPA) of 2.0 is required in lower division work before a student can be granted junior standing. The same GPA is required in upper division work before the student can be graduated.

The student's grade point average is computed according to this scale:

A	excellent	4 grade points per unit
B	good	3 grade points per unit
C	average	2 grade points per unit
D	poor but passing	1 grade point per unit
F	failure	0 grade points per unit

The following grades are not computed in the GPA:

AU	audit
CR	credit given; work C or better in quality
NC	no credit given; work D or F in quality
I	incomplete
IP	in progress; deferred grading for graduate thesis, senior project, or undergraduate research work in progress
W	withdrawn
NG	no grade assigned by instructor
R	course was repeated at later date

Grading Policies

Credit/No Credit

To encourage a wider choice of courses by lessening the student's concern for the grade point average, selected courses may be taken for CR/NC. The following regulations apply to this option:

Students may apply a maximum of 9 semester units of CR/NC to the Associate in Arts degree, and a maximum of 18 semester units of CR/NC to the baccalaureate degree; not more than 5 units each term may be taken for CR/NC.

Courses taken for CR/NC may not be applied to the General Studies requirements; nor may they be applied to requirements for the student's major, except at the discretion of the major department.

The student must indicate intent to take a course CR/NC no later than the last day to drop a class, as indicated on the academic calendar, by filing with the Registrar a form signed by the advisor, the instructor, and the student. A change to letter grade may not be petitioned after the form has been filed. Signings are a form of active consent and not pro forma.

Incomplete

An Incomplete is given only when a student:

1. has fulfilled the majority of the course requirements,
2. has a passing grade in the class work,
3. is prevented from completing the assigned work for serious reasons,
4. has consulted the instructor prior to the grading period, and the instructor has determined that the student can realistically complete the work within one semester.

An Incomplete will remain as such unless removed by the instructor within one semester. The Incomplete is ignored when computing the GPA. An Incomplete can be extended beyond one semester only upon petition to the academic dean.

Repetition of Courses With D/F/NC Grades

Only courses for which D, F, and NC were assigned may be repeated for a higher grade/CR. Courses may be repeated only once. In cases of repeated courses the units are counted once and the higher grade is computed in the GPA.

Withdrawal From Courses

The grade W indicates withdrawal from a course, according to the following policy: withdrawal (W) indicates that a student withdrew from a class during the period scheduled on the college calendar with the approval of the instructor and adviser. After the scheduled date permission from the appropriate dean may be requested for reasons of emergency. A withdrawal form must be filed in the Registrar's office to have an official withdrawal with the grade of W. The W carries no connotation of quality of student performance and is not calculated in the grade point average. Failure to officially withdraw from a class may result in the grade of F.

Honors

Dean's List

To give public recognition to academic achievement, the Dean posts a list each term with the names of full-time students who have obtained a grade point average of 3.5 or higher for the preceding term.

To qualify for the Dean's List, a full-time student must have taken at least 12 letter-graded units in the preceding semester; a part-time student must have taken at least 5 letter-graded units in the preceding semester (excluding students who register as full-time, but who drop units or take an Incomplete during the semester).

Honor Societies:

Alpha Mu Gamma

National Foreign Language Honor Society

Delta Epsilon Sigma

National Catholic Honor Society

Kappa Gamma Pi

National Catholic Women's Honor Society

Lambda Iota Tau
National Literature Honor Society

Phi Alpha Theta
International History Honor Society

Pi Delta Phi
National French Honor Society

Pi Gamma Mu
National Social Science Honor Society

Pi Theta Mu
Service Honor Society

Sigma Delta Pi
National Spanish Honor Society

Attendance

Since regularity and punctuality are essential to the successful pursuit of study, the number and character of student absences will be taken into account in determining academic grades. Unless proof to the contrary is furnished, an instructor will assume that an absence is without serious cause.

There is no provision for a system of allowed cuts and absences. Students may be dropped from a class for excessive absences when in the opinion of the instructor, further enrollment in the class would be of little value to the student. Occasionally, a student is excused from class attendance by the academic dean in order to represent the college at some function. The student should inform his/her instructors of such excused absences and secure from them assignments.

Course Examinations

All undergraduate students are required to take the regular course examinations.

Placement Examinations

Examinations used to place a student at a level of study may result in lower levels of study being waived. No credit will be awarded as a result of these placement examinations.

Independent Study/Directed Reading

Opportunity for independent study and directed reading is available to qualified students. In independent study, the student has responsibility for planning, implementing, and presenting the project; the faculty member approves the project, meets with the student several times in the term, and evaluates the final results. In directed reading, the faculty member shares the responsibility with the student, generally planning the readings and/or projects and meeting with the student regularly.

Guidelines for Independent Study/Directed Reading:

1. Introductory courses to a discipline will not be taken in this mode.
2. Freshmen will take neither independent study nor directed reading.
3. Neither independent study nor directed reading will be taken in Interterm to fulfill a General Studies requirement.

4. No more than two independent studies or directed readings will be taken in any one semester.
5. In extraordinary circumstances, the above guidelines may be waived by petition.

Prior to registering for independent or directed study, the student discusses plans with the sponsoring faculty member, prepares a proposal which should include goals, methodology, bibliography, target dates, and evaluative criteria, and files an approval form for the projected study in the office of the academic dean.

Probation and Dismissal

Probation

A student is placed on probation for failing to maintain a 2.0 GPA for all courses undertaken in a term. A student on probation must achieve a GPA of 2.0 or higher during the following term in order to continue in the college.

Dismissal

A student is subject to dismissal for the following reasons:

1. Failure to maintain a minimum GPA of 1.0 during any term.
2. Failure to maintain a minimum GPA of 2.0 during a probationary term.

The dean has the power to dismiss students and to suspend dismissal. When extenuating circumstances, such as prolonged illness, account for the disqualification, the student may be permitted, on petition to the dean, to continue on probation until the next term.

Enrollment in the College implies willingness on the part of the student to comply with the requirements and regulations of the College. If the student fails to comply with these requirements and regulations, or if it is determined by the dean that the student is not able to benefit from the opportunities offered by the College, withdrawal may be requested even though no specific breach of discipline is charged.

Withdrawal From College

Students thinking of withdrawing from College should schedule an interview with an academic advisor or the dean in order to explore other options or assistance. Students who must withdraw from the college at any time must file a withdrawal notice in the Office of the Registrar. Forms are available from the Advisement Center on either campus.

Leave of Absence

Students in good standing may request a leave of absence from the college for one semester. Extensions beyond one semester may be granted by the appropriate dean. Students who do not attend another postsecondary institution in the interim period may re-enroll through the Advisement Center. Other students wishing to re-enter must file an application for readmission with the Admissions Office.

Transcripts

Transcripts are issued at the written request of students or graduates to the Office of the Registrar. At the close of each term, transcripts for registered students must be

held for inclusion of grades for the term, and therefore will not be available for approximately three (3) weeks. Partial transcripts will not be issued. At times other than the close of their term, the normal period required for processing transcripts is one week. No transcript will be released unless all indebtedness to the college has been satisfied. All transcripts are \$2.00 each.

Academic Petitions

Any academic policy or regulation (e.g., degree requirements, academic dismissal) may be waived or modified for good reason for individual students by use of a petition form. Reasons must be presented and documented by the student. After consultation with the student, the student's adviser and department chairperson as appropriate, the dean has the authority to approve or disapprove any petition. A copy of any approved petition must be sent to the office of the registrar to be placed in the student's permanent file.

Grievance Procedure

Copies of Mount St. Mary's College Grievance Procedure are available upon request at the Student Development Office.

TRANSFER STUDENTS

Students transferring into the college bring different backgrounds, goals, education, and experiences. In recognizing this, special efforts are made to provide academic advisement and program planning that build on the learning the student has already acquired. Careful attention is paid to provide assistance in the scheduling of classes so that major requirements as well as college general education requirements are fulfilled.

Transfer students are assigned an academic adviser in the area of their major; the services of the Academic Advisement Center are available to all students.

Appeals of academic regulations and curriculum requirements are possible where such action seems warranted. Students seeking to appeal regulations other than course requirements in their major should obtain a petition from the Academic Advisement Center. The completed form should be taken to the appropriate dean for approval. Students seeking a substitution or waiver of requirements in their major should obtain the written approval of the departmental chairperson. Copies of this approval should be in the student's permanent file.

Credit for Prior Experiential Learning

Recognizing that college-level learning can and frequently does occur outside the formal setting of the college or university classroom, Mount St. Mary's College has developed a process by which prior learning when properly documented may be assessed and credit awarded.

The objectives of the credit for prior learning program are: to provide a means of evaluating and awarding credit for college-level learning wherever it occurred; to enable the student to build a current academic program of study on the skills, competences, and knowledge already acquired; and to increase student's flexibility in meeting educational requirements.

As a matter of policy, to be eligible for this evaluation, the past learning must be adequately documented and verified; consistent with the student's academic or educational goals; evaluated by faculty in the specific area of learning; and appropriate to the mission and goals of Mount St. Mary's College.

The college provides for the evaluation of prior learning in the following ways: credit by examination and credit for non-traditional learning, including credit for non-collegiate coursework.

Procedures for the Evaluation of Prior Experiential Learning

When students have acquired college-level skills, competence, and learning relating to their academic goals through experiences such as work, travel, and reading, they may have this learning evaluated for credit by preparing a portfolio containing an application, supporting evidence and documents, and a narrative relating the non-traditional learning experience to their educational objectives. Travel must have had an academic component in order to qualify for evaluation.

These portfolios should be prepared according to the guidelines in *CAEL Student Handbook* with the guidance of an adviser. If the portfolio is approved by a faculty committee, the student may earn college credit appropriate to the experiences. A fee is required to conduct and process this evaluation; see *Tuition and Fees*. For further details, see the appropriate dean or consult the Academic Advisement Center on either campus.

Credit by Exam

There are two ways a student may demonstrate knowledge of content areas: by challenging course exams and by taking standard proficiency exams. Credit for certain courses in the college may be earned by successfully passing departmental exams. A student must notify the department of intention to challenge a departmental course one month in advance of the scheduled exam. Successfully passing the exam, a student may receive credit for the course. A fee is required to conduct and process this; see *Tuition and Fees*, pp. 24-26.

Students may also take externally administered exams such as CLEP (College-Level Examination Program from CEEB) and PEP (Professional Equivalency Program from ACT) in those areas approved by the college. Information about these exams and a current list of approved exams are available from the dean's office, the registrar's office, or the Academic Advisement Center. Credit for CLEP or PEP exams taken prior to enrolling at Mount St. Mary's College and which appear on the transcript of record from another college or university will be accepted according to the transfer of credit procedure. If there has been no official awarding of credit, an original transcript from ACT or CEEB must be presented.

Students who have taken courses sponsored by business, industry, the armed forces, or other non-collegiate agencies may apply for an evaluation of these learning experiences. If the course has previously been evaluated by the American Council on Education (ACE) and appears in *The National Guide*, a student may not have to prepare a portfolio. In all other cases, a student requesting credit for non-collegiate courses must prepare a portfolio for evaluation by a faculty committee.

A maximum of 50 units may be secured through credit by exam, CLEP area exams, and prior experiential learning (portfolio evaluation). No more than 30 units will be granted for any one of the three areas above. All units earned in this manner are held in escrow until the student has successfully completed 30 units of course work at Mount St. Mary's College.

Credit examinations and portfolio evaluations will be given only to students who are admitted to the college. After satisfactorily completing the examination or evaluation, the student must file the approved forms in the Office of the Registrar. Only CR, "credit," (i.e., no letter grades) will be given: no record of failures will appear on the transcript. All credit awarded through these means will be so noted on the student's transcript.

Transfer of Credit

The extent of the transfer student's advanced standing is determined on an individual basis and is not decided until an evaluation of all previous academic work has been completed.

Credit for courses taken in other accredited colleges or universities is transferable provided that the transferred courses satisfy curriculum requirements at Mount St. Mary's College. A maximum of 36 semester units or 54 quarter units for course work taken in an accredited college is transferable toward the associate degree.

No more than 66 semester units may be transferred to the baccalaureate program from an accredited community college. Credit for extension courses is not automatically transferable.

A final credit summary and determination of advanced standing will be prepared by the Academic Advisement Center after the applicant is accepted for admission and all final transcripts have been submitted.

Once admitted to and enrolled in the college, the student is normally expected to pursue study only at Mount St. Mary's College.

A student seeking an exception to this policy must file a Transfer of Credit Clearance with all approvals in the office of the registrar prior to registration in the course for which approval has been obtained.

CLASSIFICATION OF STUDENTS

To be classified as a sophomore, a student must have satisfactorily completed 30 semester units (10 standard courses), or the unit equivalent; as a junior, 60 semester units (20 standard courses); as a senior, 90 semester units (30 standard courses).

A student with full-time status must carry 12-17 units per semester. Part-time students carry less than 12 units per semester. Foreign students (with nonimmigrant "F-1" student status) enrolled in beginning ESL (on or off campus) plus nine semester units may be considered as students with full-time status.

Special students may take a course or courses for academic credit without following a prescribed curriculum toward a degree.

Auditors attend class sessions regularly but are not obligated to take examinations. They receive no credit for courses audited.

Ordinarily a student should be a sophomore before enrolling in upper division courses. It is the student's responsibility to be aware of prerequisites or requirements for enrolling in upper division courses.

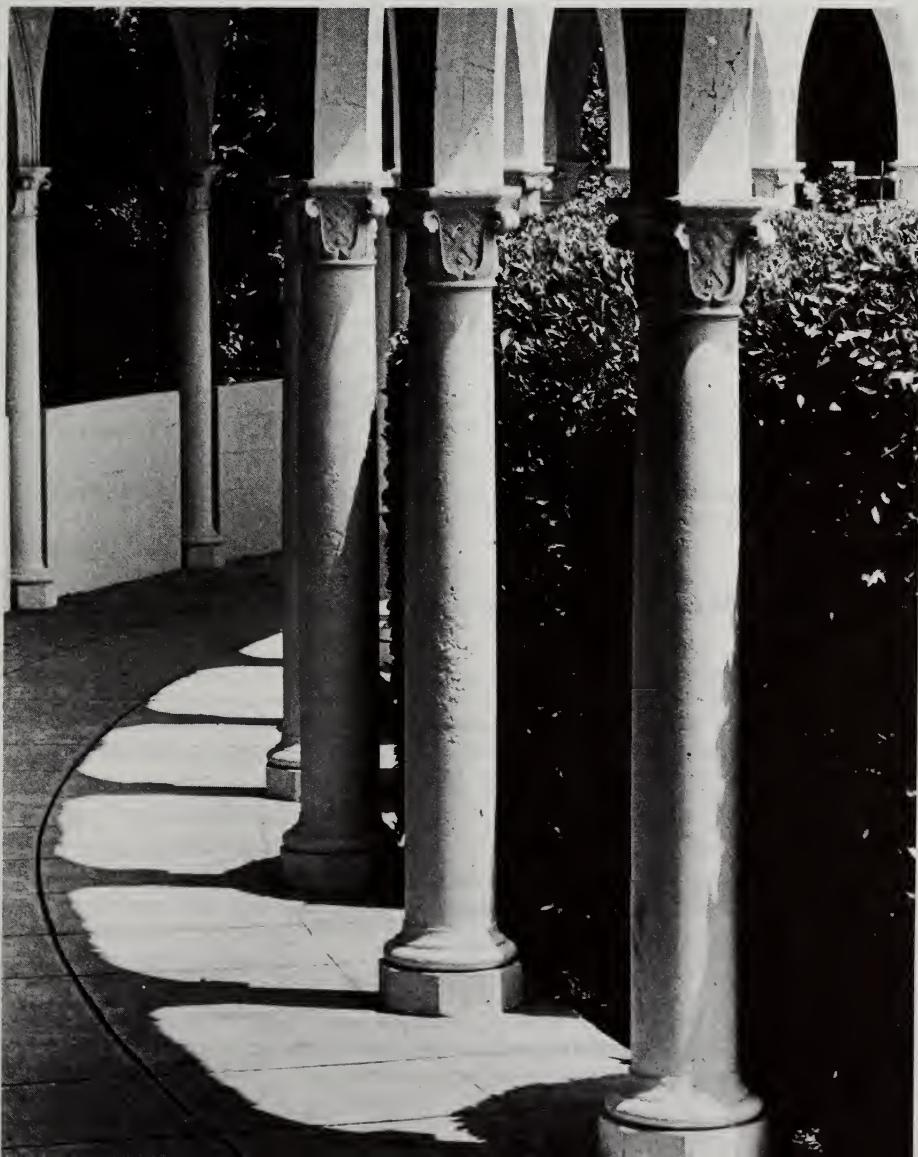
COMP ASSESSMENT PROGRAM

As part of an effort to continually study and improve its general education curriculum, the college conducts a testing program in collaboration with the College Out-

comes Measurement Program (COMP) sponsored by American College Testing (ACT). Incoming freshmen on both campuses are tested during the fall and those baccalaureate graduates who have completed the majority of their course work at either campus of the college are tested in the spring prior to graduation; participation in the testing program is required. This assessment provides the college with data for longitudinal studies of the effectiveness of its curriculum.

DEGREE APPLICATION

May graduates must file for the appropriate degree during the Fall semester prior to graduation. Students who plan to graduate at other times should file for the degree not later than three weeks after the start of the final semester.



THE ASSOCIATE DEGREE

The Associate in Arts program gives students the opportunity to explore new beginnings. It offers excellence in its specialized fields and concern for the individual student. Each student is unique: each possesses different strengths and capacities, has different criteria and motivation for success, and has the capacity to change, to grow, and to make responsible choices. Each is offered the personalized atmosphere of the Doheny program. The fundamental goal of this program is to provide knowledge and skills required to make a living within the larger context of making a life. An environment based on Christian principles enables students, faculty, and administrators to live a life of concern and commitment in accord with those principles.

The specializations are designed to prepare the student for employment immediately after graduation. Usually four semesters are required for their completion. Students with deficiencies in mathematics or English skills may need to take remedial courses, which can extend the time spent in the Associate in Arts program.

MAJORS OFFERED

Mount St. Mary's College confers the Associate in Arts degree with the following majors:

- Business
- General Studies (for students preparing to transfer to a Baccalaureate program)
- Liberal Arts
- Nursing
- Physical Therapist Assistant
- Preschool Teaching
- Respiratory Therapy

A complete description of the requirements for each major as well as course descriptions begin on page 66.

ACADEMIC POLICIES: ASSOCIATE DEGREE

Degree Requirements

1. A minimum of 60 semester hour units of credit are required with a grade point average of at least 2.0. The last 24 units immediately preceding graduation normally must be completed at Mount St. Mary's College.
2. The following courses are required:
 - a. A course in religious studies
 - b. A three-unit course in humanities outside the specialization requirements: art, music, literature, cultural history
 - c. At least one term in Communication Skills
 - d. At least one term in *Outreach* by participation in one of the following:
 - Social Action
 - Fieldwork or clinical experience associated with the specialization
 - An *Outreach* term

3. Satisfaction of the residence requirement. *Residence* is defined as the last 24 units before graduation which must be taken at Mount St. Mary's College. At least some of these units are in the student's specialization and are earned in regular course work.
4. Fulfillment of Mount St. Mary's College bachelors program general studies requirements is strongly recommended. A wide background of study is considered important. Electives should be chosen with this in mind.

Specialization Requirements

To obtain a degree with a specialization, the particular requirements in that area must be met. Basic curricular patterns listed in this bulletin should be followed with the consent and approval of academic advisers.

Maximum Credit Load

During the first term of the freshman year, a student is encouraged to select a minimum program of courses unless the area of specialization prescribes a certain pattern, or his/her grade point average is exceptionally high.

Graduation With Honors (Associate in Arts Degree)

With honors shall be granted to a student who has earned the Associate in Arts degree while maintaining a cumulative 3.5 grade point average prior to the final semester.

The overall GPA at the end of the fall semester of the academic year is used in determining honors. The student's grade point average will be calculated on the basis of grades earned at Mount St. Mary's College as well as grades transferred into the College at the time of matriculation. Courses at another institution after matriculation are not counted into the cumulative grade point average.

Special Features

Experience

Experience endeavors to relate personal growth and learning to the more practical aspects of life. Opportunities for experience can occur both inside and outside the college. Experiences within the college are called COLLEGE INVOLVEMENT, and those outside the college are organized into a three-level program called OUTREACH.

College Involvement gives the students an opportunity to become a vital part of the college. They are encouraged to serve on major committees and to initiate religious, cultural and social activities at Doheny.

Outreach extends the learning process beyond campus limits. The student becomes aware of important issues in society by dealing with them. Opportunities are offered for career-related experiences and the blending of theory and practice. Regular volunteer aid to community agencies, centers, and institutions is made available.

Off-campus college-related experiences occur at several levels. **SOCIAL ACTION:** The student performs supervised volunteer services such as tutoring, hospital, volunteer work, child care, home visiting, and the like. **FIELD WORK:** The student engages in supervised fieldwork or practicum as determined by the major. **OUTREACH**

TERM: The student spends a term in an off-campus experience involving problem solving with the guidance and instruction of a faculty member.

Support Programs

The support programs occur as an outgrowth of the total philosophy of the college. They are designed to help the student achieve success in college. They are a combination of course work (such as Communication Skills) coordinated with the resources in the Learning Resource Center; tutoring service in the area of need; group and individual counseling; student-faculty relations; and personal interest.

Learning Resource Center. The Learning Resource Center provides audio-visual programs and study modules in the fields of business education, communication skills, nursing, psychology, and science. The Center contains the equipment necessary for use of the modules as well as providing technical assistance by a staff member whenever needed. A tutoring service for all first year communication skills students, as well as for selected areas of study, is also provided in the Center.

Communication Skills. The ability to communicate is one of the basic tools of learning. A student must be able to receive and to transmit information accurately. This process involves reading, writing, speaking, and listening, as well as understanding non-verbal messages. A student must be able to think logically and apply knowledge to problems and situations at hand. A student usually enrolls in Communication Skills during his/her first term at Doheny so that these skills may be integrated throughout the academic program.

Four levels of instruction in Communication Skills are offered: (1) large group instruction on principles; (2) small group workshops to apply these principles; (3) individual tutorial help as needed; (4) self-teaching, using machines and programmed materials in the communication skills lab in the Learning Resource Center.

Counseling. Counseling services are offered as an integral part of the college experience, to assist students in self-evaluation and attainment of their potential.

Group Counseling. This is an attempt to enable the student to make responsible choices while recognizing values, setting goals and priorities, and at times facing conflict. Usually the student participates in Group Experience during the first term at Doheny as an orientation to the total college experience.

Academic Advisement. Assistance in selecting programs and courses is available in the Advisement Center.

Personal Counseling. If the student desires personal counseling, it is built into the program. Informed and concerned faculty and staff are available for personal and religious counseling. Doheny students are also eligible to use the full scope of services provided at the Counseling Center of the University of Southern California under the provisions described in Health Services.

Career Counseling. Through the assistance of counselors and an elective course in career planning, students are offered help in making career decisions and job choices. Reference materials on career possibilities and further education are available in the Counseling Center.

STUDENT DEVELOPMENT AT THE DOHENY CAMPUS

Mount St. Mary's College provides students with programs and experiences conducive to personal, cultural, ethical, social and intellectual growth. Student initiative and responsibility are encouraged in an atmosphere of close interrelation among students, faculty, administration and staff.

Membership on various college committees permits interaction with members of the faculty and administration and allows for student contribution to the policy and procedures of the college.

These and other opportunities supply the broadening experience of organized discussions and planned activities and foster interest in the special fields which the students are pursuing.

Leadership Program

The Leadership program is designed to provide for the development of potential leadership skills. It offers workshops and seminars on how to delegate authority, how to motivate groups of people, and how to provide constructive criticism and support. Leadership students not only study leadership techniques but have the opportunity to put them into practice.

Associated Students of Mount St. Mary's College

The Associated Student organization sponsors a wide range of social, cultural, recreational, and religious activities. Students are invited to take part in the many activities of the surrounding colleges and the many opportunities available in the greater Los Angeles area.

Student Nurses Association of California

The Student Nurses Association of California prepares future nurses for participation in their professional organization. It provides a vehicle for student sharing, has malpractice coverage for student clinical experience, disseminates information about future directions in education and current trends in nursing care delivery.

Delta Service Organization

Delta members act as official hostesses for receptions, open house tours, programs, and other social events. This organization gives service to campus events and also enriches the lives of the members by helping them to learn the skills required of an excellent hostess.

Religious Opportunities

The Doheny campus is located next door to St. Vincent's Church and a few blocks from the Newman Center of the University of Southern California. Both facilities are open daily to Mount students. Liturgy is celebrated monthly on the Doheny Campus during the College Hour and weekly in the Doheny Residence Hall. At the beginning of each term students are invited to join the Doheny Campus prayer group which

meets weekly. A Catholic chaplain is also on campus once a week. Notices are posted regularly for retreats and youth conferences scheduled on and off campus throughout the academic year.

Residence Life

The Doheny residence hall accommodates a small number of students and provides an opportunity for a group-living experience in a warm and friendly atmosphere. Student life is largely self-regulated under the guidance of the director of residence, residence assistants and the student residence council. Every effort is made to allow for student privacy while providing opportunities for a good community-living experience.

Health Service

Students at the Doheny Campus have available to them the full scope of health services offered by the Student Health Service of the University of Southern California. All Doheny students must have a preliminary statement of health submitted to the USC Student Health Center. To use the Center, students need only show their MSMC identification card. Students are expected to provide their own transportation to the Center.

Student Placement Service

Students who desire part-time employment may participate in the student placement program by applying to the Financial Aid Office or to the Career Counseling/Job Placement Office. Employment opportunities are available both on and off campus. On campus jobs are filled according to the student's financial need and skill.



THE BACCALAUREATE DEGREE

Mount St. Mary's College confers the following baccalaureate degrees:

The Bachelor of Arts with majors in
American Studies
Art
Biological Sciences
Business
Chemistry
Child Development
Diversified Major (for elementary teaching credential students)
English
French
Gerontology
History
Mathematics (Computer Science emphasis)
Music
Philosophy
Political Science
Psychology
Religious Studies
Social Science
Sociology
Spanish

The Bachelor of Science with majors in
Allied Health Administration
Biochemistry
Biological Sciences
Chemistry
Nursing
Physical Therapy
Respiratory Therapy
The Bachelor of Music with a major in Music
The Bachelor of Fine Arts with a major in Art

EDUCATIONAL ALTERNATIVES PROGRAM (INDIVIDUALLY DESIGNED MAJOR)

The Educational Alternatives Program is available to students interested in giving further creative direction to their own education. The EAP student is encouraged to utilize alternative modes of education and to assume leadership in initiating educational and cultural experiences. Admission to EAP presumes the ability on the part of the student to engage in independent study. Freshmen are eligible to apply for membership after the successful completion of their first semester at Mount St. Mary's College.

With the approval of the academic dean, EAP students of demonstrated ability may

also apply to earn a bachelor's degree in an individually constructed program of study directed by a board of three faculty members.

ACADEMIC POLICIES: BACCALAUREATE DEGREE

Degree Requirements

1. Completion of at least 129 semester units with a grade point average of 2.0 (C average) for all college work undertaken at Mount St. Mary's College. A minimum of 45 semester units must be in upper division work.
2. Completion of a major, as designated by the major department, with a maximum of 45 semester units in one field.
3. Satisfaction of the senior residence requirement. *Residence* is defined as the last 24 units before graduation which must be taken at Mount St. Mary's College. At least some of these units are in the student's major and earned in regular course work.
4. Completion of a Mount St. Mary's College general studies program.

THE GENERAL STUDIES PROGRAM

An educated person is one who is not only academically prepared in an area of specialization but also one who has knowledge and appreciation of the diverse fields of human endeavor. To achieve this, a student is expected to explore areas of learning outside the major through the general studies program. Intended to expand the student's world, the requirements include units in religious studies and philosophy as the student reflects on questions of values and meaning in human experience and grapples with the mystery of the divine; units in humanities as one explores the creative and artistic expressions of humankind; units in the natural sciences as one confronts and examines the physical world; and units in the social and behavioral sciences, as one approaches avenues to understanding the complexity of the human person as a social, political being.

In addition to this, the college expects that every educated person should have the ability to express thoughts with clarity and be knowledgeable about government and its structure and organization. Moreover, students earning a bachelor of arts degree are expected to study a foreign language in order to better appreciate diverse peoples and cultures.

GENERAL STUDIES REQUIREMENTS

The current schedule of classes will indicate courses offered for general studies credit. No single course may satisfy more than one general studies requirement.

Bachelor of Arts

Required:

A minimum of 27 units selected from three divisions: Humanities, Natural Sciences, and Social and Behavioral Sciences; only nine units of general studies credit allowed in the student's major division.

Division I: Humanities

Areas:

Art	Literature
Cultural History	Music

Required:

6 to 15 units in two areas outside the student's major field.

Division II: Natural Sciences

Areas:

Biological Sciences	Mathematics
Chemistry	Physics and Physical Sciences

Required:

6 to 15 units in two areas outside the student's major field.

Division III: Social and Behavioral Sciences

Areas:

Economics	Psychology
History	Sociology and Anthropology
Political Science	

Required:

6 to 15 units in two areas outside the student's major field.

Philosophy

Required:

9 units, 6 of which should be lower division.

Religious Studies

Required:

9 units.

Recommended:

Introductory course in Scripture.

Requirements Which May be Satisfied by Examination or by Course Work:

Contemporary political experience requirement

Foreign language requirement

Writing competency requirement

See additional information on these requirements.

Bachelor of Fine Arts
Division I: Humanities

Areas:

Cultural History
Literature

Music

Required:

6 units.

Division II: Natural Sciences

Areas:

Biological Sciences
Chemistry

Mathematics
Physics and Physical Sciences

Required:

6 units.

Division III: Social and Behavioral Sciences

Areas:

Economics
History
Political Science

Psychology
Sociology and Anthropology

Required:

6 units.

Philosophy

Required:

9 units, 6 of which should be lower division.

Religious Studies

Required:

9 units.

Recommended:

Introductory course in Scripture.

Requirements Which May be Satisfied by Examination or by Course Work:

Contemporary political experience requirement

Writing competency requirement

See additional information on these requirements.

Bachelor of Music

Division I: Humanities

Areas:

Art

Cultural History

Literature

Required:

6 units.

Division II: Natural Sciences

Areas:

Biological Sciences

Chemistry

Mathematics

Physics and Physical Sciences

Required:

3 units.

Division III: Social and Behavioral Sciences

Areas:

Economics
History
Political Science

Psychology
Sociology and Anthropology

Required:

6 units.

Philosophy

Required:

9 units, 6 of which should be lower division.

Religious Studies

Required:

9 units.

Recommended:

Introductory course in Scripture.

Requirements Which May be Satisfied by Examination or by Course Work:

Contemporary political experience requirement
Writing competency requirement

See additional information on these requirements.

Bachelor of Science

Required:

A minimum of 27 units selected from three divisions: Humanities, Natural Sciences, and Social and Behavioral Sciences; only nine units of general studies credit allowed in the student's major division.

Division I: Humanities

Areas:

Art	Literature
Cultural History	Music

Required:

6 to 15 units in two areas outside the student's major field.

Division II: Natural Sciences

Areas:

Biological Sciences	Mathematics
Chemistry	Physics and Physical Sciences

Required:

6 to 15 units in two areas outside the student's major field.

Division III: Social and Behavioral Sciences

Areas:

Economics	Psychology
History	Sociology and Anthropology
Political Science	

Required:

6 to 15 units in two areas outside the student's major field.

Philosophy

Required:

9 units, 6 of which should be lower division.

Religious Studies

Required:

9 units.

Recommended:

Introductory course in Scripture.

Requirements Which May be Satisfied by Examination or by Course Work:

Contemporary political experience requirement

Writing competency requirement

See additional information on these requirements.

Areas in Which Requirements Can be Satisfied by Examination or Course Work:

1. *Contemporary Political Experience (0-3 units).*

Mount St. Mary's College requires that students fulfill by examination or course work a study of contemporary American political institutions and their conceptual framework on the federal and state levels.

Students may choose one of the following ways to satisfy the Contemporary Political Experience (CPE) requirement:

- Satisfactory performance in a comprehensive examination.
- Satisfactory completion of any course designated in the current schedule of classes as fulfilling the requirement.

Students in the Education Department fulfill the state requirement for all credentials by satisfying the Contemporary Political Experience (CPE) requirement.

2. *Foreign Language (0-9 units).*

This requirement may be fulfilled in one of the following ways:

- Successfully passing a proficiency examination at the level equivalent to completion of the third semester of college language. This examination is to be administered either by Mount St. Mary's College or by an approved testing center.
- Study of French or Spanish to the completion of level three (three semesters of college language study). The beginning course for each student is to be determined by a placement examination administered several days before registration each Fall term.

Students whose native language is not English have another alternative. They may satisfy the requirement by demonstrating full academic proficiency in English as a second language. Full academic proficiency is equivalent to (1) passing the TOEFL examination with scores above level nine; or (2) sequential work in ESL to raise student performance to level nine or above.

In the case of a bilingual or multilingual student, the Department of Foreign Languages will determine which is the student's first, or native language, and which is the second, or foreign language.

3. *Writing Competency (0-7 units).*

A student may fulfill the writing competency requirement by successfully completing the college writing program.

Graduating With a Double Major

Students who wish to earn a degree with a double major must observe the following requirements:

1. The two majors may be in the same or different degree programs, in which case all area and general studies requirements must be complete for each degree.
2. All requirements for both majors must be met, including all upper division and all other additional requirements.
3. The department chairpersons of both major areas must approve the student's completion of the requirements for the major.

Second Baccalaureate

In order to receive a second baccalaureate degree, a student must fulfill the following requirements:

1. Completion of all departmental requirements, including a foreign language if necessary, in the area of the major for the second degree.
2. Completion of all other institutional requirements if the first degree has been earned elsewhere.

Graduation With Honors

Summa cum laude shall be granted to a student who has received a cumulative grade point average of 3.85 or higher.*

Magna cum laude shall be granted to a student who has received a cumulative grade point average of 3.7 or higher.*

Cum laude shall be granted to a student who has received a cumulative grade point average of 3.5 or higher.*

*Effective with the graduating class of 1982.

The overall GPA at the end of the Fall semester of the academic year is used in determining honors. To be eligible, the student must have completed 48 letter-graded units at Mount St. Mary's College. The student's grade point average will be calculated on the basis of grades earned at Mount St. Mary's College as well as grades transferred into the College at time of matriculation. Courses at another institution after matriculation are not counted into the cumulative grade point average, with the exception of approved junior year abroad programs.

SPECIAL ACADEMIC SERVICES

Academic Advisement Center and Services

The Chalon campus advisement program is coordinated through the Academic Advisement Center. All students are assigned an adviser with whom they plan their academic programs. The adviser assists in clarifying the requirements in the general studies program and the major department.

To further serve the student's advisement needs, the Academic Advisement Center functions as a drop-in office for on-going guidance and referral services. Help in understanding and following college policies is always available. The staff, along with student assistants trained in peer counseling, provides information on many aspects of college life and clarifies the procedures for filing petitions, Transfer of Credit, Withdrawal/Leave of Absence, Study Abroad, and foreign students' I-20 and I-538 forms.

Although the individual faculty advisers and the Advisement Center staff makes every effort to provide advisement for the student, it is ultimately the student's responsibility to see that all procedures are followed and requirements fulfilled.

Learning Assistance Center

In order to enable each student to achieve maximum benefit from the academic programs at the College, a Learning Assistance Program is available on the Chalon campus. Students whose previous performance would indicate they might experience academic difficulty at Mount St. Mary's College take part in the program through assessment testing and follow-up programs in composition, reading, and math.

The center provides referral and individualized and group sessions. A volunteer program of student tutors in composition, chemistry, and other areas as need dictates is also provided.

Placement and assessment testing are available to all students who request them. Students may be referred to the Learning Assistance Center by faculty, or deans, or may seek assistance themselves.

Junior Year Abroad

Mount St. Mary's College offers several opportunities for foreign study during one or both terms of the junior year. Arrangements have been made with the following foreign universities to accept students from Mount St. Mary's College and to transfer their grades: La Universidad Iberoamericana, Mexico City, Mexico; Laval University, Quebec, Canada; The Institute of European Studies, Vienna, Austria. In addition, other foreign universities may be approved by the academic dean on an individual basis.

Students who wish to take part in this program must obtain the approval of the academic dean and the chairman of their major department. They must qualify by a grade point average of 2.5. If they plan to attend classes in which the lectures are given in a foreign language, they should have sufficient proficiency in that language before entering the program.

To facilitate transfer of credits from foreign universities, students should observe the following procedure:

1. Work out with the assistance of their advisers an acceptable program of courses for the year; a record of the approved program is kept on file in the office of the academic dean.
2. Maintain status as Mount St. Mary's College students by registering in the office of the registrar for the year abroad; the fee for registration is \$35.00 per semester.
3. Register as regular students at the foreign university and request that transcripts of credits be sent to the registrar at Mount St. Mary's College; courses taken abroad are treated in the same manner as other transfer courses.

The GPA earned by a student during the year abroad is included in determining the student's overall GPA for the conferral of honors at graduation.

Further information may be obtained from the Advisement Center.

ROTC

Through a cross-town agreement, Mount St. Mary's College students may take part in

the Loyola-Marymount University Air Force ROTC program. (See courses listed under Aerospace Studies.)

Army and Air Force ROTC programs are available to qualified Mount St. Mary's College students through agreement with UCLA.

Further information may be obtained from the Advisement Center.

Carondelet College Exchange

Students enrolled as degree candidates at any one of the National Federation of Carondelet Colleges offering the bachelor degree — Avila College in Kansas City, Missouri; The College of St. Catherine in St. Paul, Minnesota; The College of St. Rose in Albany, New York; Fontbonne College in St. Louis, Missouri; and Mount St. Mary's College in Los Angeles — may spend up to two semesters as visiting students at another Federation college. Visitors make progress toward the degree begun at their home campus while taking advantage of the rich learning experience of being with students from a different part of the country on a campus with unique academic resources.

For further information contact the Academic Advisement Center.

STUDENT DEVELOPMENT

Mount St. Mary's College provides students with programs and experiences conducive to personal, cultural, ethical, social and intellectual growth. Student initiative and responsibility are encouraged in an atmosphere of close interrelation among students, faculty, administration and staff.

Student Activities

Students are encouraged to become members of various college committees where, with members of the faculty and administration, they may contribute to the policy and procedures involved in their own educational process.

The limited enrollment at Mount St. Mary's College offers many opportunities for participation in student government and campus organizations. In fact, a priority of the college is to provide women with distinctive leadership opportunities.

To supply the broadening experience which organized discussions and planned activities furnish and to foster interest in the special fields which students are pursuing, many opportunities and organizations are open to Mount St. Mary's College students in campus life. Among them, the Associated Students of Mount St. Mary's College sponsors a wide range of cultural, educational, recreational, athletic, volunteer and social activities. The governing board of the Associated Students of Mount St. Mary's College meets at regular intervals to analyze student concerns, reflect student attitudes on questions of administrative policy, promote student activities, consider appointments, and appropriate student body funds. Residence Council addresses residence issues and promotes activities. Mount St. Mary's College has a student-run newspaper and yearbook. Several of the students' special interests include Atheneum which sponsors theater excursions in Southern California, an active Model United Nations program (annually attends New York conference), the Mount Chorus and Orchestra, Pi Theta Mu (an honorary service sorority), professional student affiliations (Student California Teachers' Association, Student Nurses' Association of California, Women in Consumer Studies, Women of Management and Enterprise, the

American Chemical Society Student Affiliates), and a local social sorority, Kappa Delta Chi.

In addition to the many on-campus activities, Mount St. Mary's College's urban location offers the cultural and recreational opportunities available in the greater Los Angeles area.

Leadership Program

The Leadership program is designed to provide for a group of students the development of their potential leadership skills. It offers workshops and seminars on how to delegate authority, how to motivate groups of people, and how to provide constructive criticism and support. Leadership students not only study leadership techniques but have the opportunity to put them into practice. Students in the Leadership program are encouraged to enroll for internships related to their career goals.

Counseling Services

Students at Mount St. Mary's College may find assistance in an atmosphere of responsible freedom in one or more counseling situations. Counseling may range anywhere from a fifteen-minute informational chat with an instructor on the campus to a long-term therapy as a result of a referral to an outside resource through the college health services or the department of psychology.

Students (either individually or in a group) have the opportunity to talk over problems of concern in academic, personal, or vocational matters in an atmosphere of acceptance and in a confidential manner, with a staff of professionally trained psychologists who are also members of the teaching staff. The goals of such counseling are the realization and development of individual resources and increased self-understanding. Psychological testing is also provided when it is deemed appropriate.

Four peer counseling groups exist to help students: Health Advocates, Student Orientation Service (SOS), Resident Assistants, and Student Assistants in the Academic Advisement Center. All peer counselors receive training in communication skills and understanding of college services through seminars and weekend workshops.

Campus Ministry

Campus Ministry is a pastoral apostolate of service to members of the entire Mount community through concern and care for persons, the proclamation of the Gospel and the celebration of the Eucharist. Campus Ministry provides for: retreats, liturgical celebrations, religious activities, counseling, interfaith discussions and social action. The College chaplain works with the Campus Ministry Office to provide students with a sense of Christian living.

The Student Placement Office

The Student Placement Office offers a variety of services and employment opportunities for enrolled students. Job opportunities on campus are available in the library, the food service, the student bookstore, the switchboard, faculty offices and other places. Jobs are filled according to students' financial need and skill. Students interested in on-campus employment are encouraged to file applications early in the Financial Aid

Office and in the Student Placement Office. Off-campus jobs, including seasonal and summer employment opportunities, are posted in the Student Placement Office and Campus Center.

Career and Job Development Services

The offices of Career Planning and internship/job development assist the student in finding the major or career best suited to the student's interests. Students are encouraged to meet for an individual consultation of career plans. Additionally, a career planning seminar is regularly offered to provide students with the self-evaluative tools, labor trend information and job search skills that will enable them to build satisfying and influential careers. The office of internships/job development assists the student in internship placement and in the transition from college to the world of work.

Residence Life

Primary emphasis in the residence halls is on a close interrelationship of students and staff to create a social situation which fosters the formation of personal values and integrity. On-campus living affords increased opportunities to develop personal relationships and to participate in the many enriching programs which Mount St. Mary's College offers. Student resident life is largely self-regulated, under the direction of the residence council which is composed of elected residence officers and floor representatives, resident assistants, faculty members in residence, the associate director of residence and the director of residence.

In addition to the director of residence and associate director of residence, several other staff members help to contribute to the general well-being of the resident students. These include the assistant director, a dormitory assistant, and senior students who serve as resident assistants. A religious faculty member lives on each floor of the residence halls.

The residence staff gives much time and attention to assigning rooms and roommates. They make every effort to provide a living/learning environment which will allow the student both privacy and the freedom to develop relationships conducive to social and educational growth.

Off-campus housing arrangements for unmarried students are the responsibility of the students and of their parents. The college offers assistance in making these arrangements.

Commuter Services

Mount St. Mary's College recognizes the special needs of commuter students. There is a monthly newsletter, the *Commuter Chronicle*, which addresses commuter issues. An off-campus Housing Referral service is administered through the Student Development Office. The Commuter Representative facilitates car pooling, distributing lockers and scheduling commuter workshops at convenient times. The campus center is an informal lounge open especially for all commuter students.

Health Services

The Mount St. Mary's College Chalon Campus Health Center offers the services of a

health educator and a part-time physician to students, administration, faculty and staff. Emphasis is placed on preventive medicine. Consultations, examinations, first aid treatment, whirlpool, ultrasonic therapy, hydrocollator therapy, clinical laboratory tests and medical counseling for various matters (e.g., weight control and skin problems) are available.

Incoming students, freshmen and transfer, must submit the results of a recent physical examination (within the previous six months) by a private medical doctor to the Health Center prior to entrance. Thereafter, members of the college community are encouraged to avail themselves of the Health Center for yearly physical examinations and laboratory testing.

GRADUATE DEGREE PROGRAMS

Mount St. Mary's College in Los Angeles offers qualified persons the following graduate degrees and programs:

The Master of Arts in Religious Studies;

The Master of Science in Education with concentrations in Administrative Studies; Bilingual/Cross-Cultural Studies; Counseling (Pupil Personnel Services; Marriage, Family, and Child Counseling; and Human Services); Early Childhood Education; and Special Education (Learning Handicapped). Individually designed graduate programs may also be obtained.

APPLICATION PROCEDURES FOR GRADUATE PROGRAMS

A student who holds a bachelor's degree or its equivalent from an accredited college or university is eligible to apply for admission. The student's previous academic record must give evidence of the ability and preparation necessary for successfully pursuing graduate study.

Procedure for Admission

The applicant forwards the following to the Graduate Office (10 Chester Place, Los Angeles, CA 90007):

1. Application and application fee.
2. Medical Certificate (waived for teachers in the Los Angeles Unified School District).
3. Three letters of recommendation from college instructors (one may be from an active administrator) who have had ample opportunity to judge the applicant's academic qualifications.
4. One official transcript of all previous college work, both undergraduate and graduate, sent directly by the particular institutions to the Graduate Office.

5. Foreign students must present evidence of proficiency in oral and written English by TOEFL scores of 550 or better or satisfactory completion of the ninth level at an ELS Language Center.

In addition, foreign students must submit an English translation of their official college transcripts including the following information: descriptive titles of courses studied (i.e., European History, Inorganic Chemistry), the number of lecture hours and laboratory hours per week devoted to each course, the number of weeks of lecture and laboratory work in each course, and the grades earned with an explanation of the marking system.

A statement guaranteeing financial support during the period of study at Mount St. Mary's College is also required.

Further details will be found in *Information for Prospective Students from Other Countries* which will be sent from the Graduate Office upon request.

Policies for Admission

1. Graduate Record Examinations (Aptitude and/or Area) may be required by the Graduate Dean/Department (degree programs only).
2. In the event that the applicant's undergraduate record does not include all the requisite courses or a satisfactory average, supplementary undergraduate work may be required to fulfill the prerequisites of the major department.
3. Ordinarily, the applicant enrolls in the first semester of graduate work with conditional acceptance in the graduate division.
4. The applicant arranges for a personal interview with the assigned graduate adviser in order to plan a program before registering for courses. Before registering each semester the applicant obtains an adviser's signature on the Registration Form.

Departmental Program Acceptance

Departmental program acceptance is approved by the Graduate Dean after all requirements for admission are fulfilled, and after the applicant has successfully completed at least one graduate course at Mount St. Mary's College. Notice of admission to the program is sent directly to the applicant.

Admission to the Graduate Division or to the departmental program does not constitute advancement to candidacy for the master's degree.

CANDIDACY

Students must be admitted to candidacy not later than one semester before the date of completion of the requirements for the degree. To be eligible for candidacy for the master's degree, students must

1. Have been accepted into a departmental program.
2. Have completed a minimum of 24 semester units of graduate work or be in the final semester of study.
3. Have had their thesis/research topic, or examination areas (as required by the department) approved.

Written notice of the above approval and advancement to candidacy is sent to the student directly from the Graduate Office.

Application for Degree

Candidates for the master's degree file a formal degree application in the Graduate Office. The final date for this application is published in the current graduate and Evening College calendar.

Commencement

Candidates receiving degrees are expected to be present at commencement.

CONTINUING EDUCATION

Students who hold bachelors' degrees from accredited colleges or universities are eligible to take courses at the college without the intention of pursuing a graduate degree or credential. They may take either undergraduate courses in subjects of special interest or graduate courses for which they are qualified.

Students fill out admissions forms at the time of the first registration at the Mount and are assigned advisers.

Students are expected to observe the prevailing standards of scholarship and attendance. If after taking courses at the college a student should later alter the decision and become an applicant for a degree, only that work may be accepted which satisfies the requirements of the program the student is entering, and which meets the approval of the department and the Graduate Dean.

ACADEMIC POLICIES: GRADUATE DEGREE PROGRAMS

The Graduate Council supervises rules and regulations of the college which concern graduate work and advanced degrees. The Council determines the qualifications for membership in the Graduate Division faculty and approves graduate programs.

Responsibility for complying with published deadlines, regulations, and procedures rests with the student. The written authorization of the Graduate Dean is required for exceptions to published regulations. Because graduate degrees are awarded for scholarly accomplishment, quantitative requirements for specific degree programs must be considered as minimum standards.

Residence and Time Limit

All courses toward the master's degree are ordinarily taken in residence at Mount St. Mary's College. The minimum residency for the master's degree is three semesters; or one semester and three summer sessions; or two semesters and one summer session; or four summer sessions.

The degree is ordinarily earned within five consecutive academic years or nine consecutive summer sessions.

Credit is not granted for work extending beyond these limits. Any term or summer session in which the student fails to register in the Graduate Division is included in these limits.

Students may petition for a leave of absence for a specified period of time. Forms are available in the Graduate Office. The granting of a leave of absence does not automatically change the time limit for completing the master's and/or credential programs.

Credit Limit

The number of semester hours of work taken in the respective terms or summer sessions is determined in consultation with departmental advisors. Full-time students ordinarily carry eight semester hours of graduate work during a regular term and six semester hours of graduate work during the summer session (minimum).

Course Numbers

While all of the work counted toward the master's degree must be of distinctly advanced character, not all the courses need be taken from the 200-level. With the approval of the graduate advisor in the major field, a minimum of nine semester units of upper division courses suitable for a well-rounded program may be included, provided the student earns at least a grade of B.

Grades

The grade point average for all work presented for an advanced degree must be at least 3.0 or B average. A required course in which a grade of D or F has been received must be repeated.

The student's grade point average is computed according to this scale:

A	excellent	4 grade points per unit
B	good	3 grade points per unit
C	average	2 grade points per unit
D	poor but passing	1 grade point per unit
F	failure	0 grade points per unit

The following grades are not computed in the GPA

AU	audit
CR	C or better; credit given (see below)
NC	D or F; no credit given (see below)
I	incomplete (see below)
IP	in progress: deferred grading for graduate thesis
W	withdrawn
NG	no grade assigned by instructor
R	course was repeated at later date

Grading Policies

Credit/No Credit

CR/NC applies only to the Supervised Field Experience/Work in graduate programs.

Incomplete

An Incomplete is given only when a student:

1. Has fulfilled the majority of the course requirements;
2. Has a passing grade in the class work;
3. Is prevented from completing the assigned work for serious reasons;
4. Has consulted the instructor prior to the grading period;
5. Has been assessed by the instructor that he/she can realistically complete the work within one semester.

An Incomplete will remain as such unless removed by the instructor within one semester. The Incomplete is ignored when computing the GPA. An Incomplete can be extended beyond one semester only upon petition to the Graduate Dean.

Repetition of courses with D/F/NC grades

Only courses for which D, F, and NC were assigned may be repeated for a higher grade or CR. Courses may be repeated only once. In cases of repeated courses, the units are counted once and the higher grade is computed in the GPA.

Withdrawal From Courses

The grade W indicates withdrawal from a course, according to the following policy:

Withdrawal (W) indicates that the student was permitted to withdraw from a class during the period scheduled on the college calendar with the approval of the instructor and adviser. After the scheduled date, petition to the Dean is required.

The W carries no connotation of quality of student performance and is not calculated in the grade point average. Students who do not officially withdraw may receive a grade of F.

Credit by Examination

Credit for courses may be earned by satisfactory completion of examinations offered by the department. Petition to take such examinations is made through the adviser of the respective program. Forms for such petitions may be obtained from the Graduate Office.

Credit examinations will ordinarily be given only to students who have been admitted to a graduate program and have maintained a 3.0 GPA in at least one semester or six units of study at Mount St. Mary's College. After satisfactorily completing credit examinations, students will file appropriate completed forms with the Registrar's Office. Only CR, i.e., no letter grade, will be given for passing these examinations; no record of failures on these examinations will appear on the transcript.

A maximum of nine units, which may be included in the 24 units of residency, may be earned by credit examination.

Transfer of Credit

A maximum of six semester hours of graduate work taken in a recognized graduate school is transferable to Mount St. Mary's College provided:

1. The transfer courses satisfy curriculum requirements at Mount St. Mary's College and a grade of "B" or better was earned;

2. The courses are transferred after the student has been accepted into the program and prior to candidacy for the degree (Transfer of Credit forms are available from the Graduate Office);
3. Correspondence and extension courses are not transferable;
4. Courses must have been taken within five years of date on which the student was accepted in a Mount St. Mary's College graduate program.

Students once admitted to a graduate program are expected to pursue study only at Mount St. Mary's College. For credential students, the Ryan Act requires residency in one college program.

Probation

Failure to maintain a 3.0 GPA places the student on probation. A student on probation must achieve a GPA of 3.0 or higher during the next term in order to be readmitted to regular standing and may be required to take fewer units of work while on probation.

Dismissal

A student is subject to dismissal for failure to maintain a 3.0 GPA during the probationary period. The Graduate Dean and/or the Graduate Council has the power to dismiss students and to suspend dismissal.

Withdrawal

Students who withdraw from a graduate program at any time must file a withdrawal notice in the Graduate Office.

Withdrawal from a course without authorization results in a grade of F.

Grievance Procedure

Copies of Mount St. Mary's College Graduate Student Grievance Procedure are available upon request at the Graduate Office.



COURSES OF INSTRUCTION



DESIGNATION OF CREDITS AND COURSES

Courses numbered 1-99 are lower division courses, generally taken by freshmen and sophomores; those numbered 100-199 are upper division courses, generally taken by juniors and seniors, or majors. Lower division courses marked with an * may be taken for upper division credit with the permission of the instructor and appropriate adjustment in course requirements.

Courses numbered 200-299 are graduate level; those numbered 300-399 are professional courses and those between 340-349 are professional credit courses which may be submitted for equivalency evaluation to be applied to a credential or masters program.

Courses listed as upper division/graduate (100/200) may be taken for either.

After the last day to add a course as published in the schedule of classes, no changes may be made respective to the level of study.

The college also offers workshops, seminars, and classes for CEU's (Continuing Educational Units). All records of study and transcripts will be processed through the National Registry for Continuing Education with the American College Testing program.

AEROSPACE

Mount St. Mary's College has an agreement with Loyola-Marymount University for students to participate in the Air Force ROTC Program. For complete listing, see ROTC.

ALLIED HEALTH ADMINISTRATION

Departmental Affiliation: Business

Allied Health Administration is a Business program designed to prepare students for administrative positions in medical, hospital, and nursing-care facilities. A two-year course of study leading to a baccalaureate degree, it builds on the first two years of an approved allied health program.

The B.S. Degree with a Major in Allied Health Administration

Preparation:

A candidate must complete or have in progress an approved program in Health Services (Physical Therapy Assistant, Nursing, Respiratory Therapy, Gerontology, etc.)

PSY 1	General Psychology	(3)
SOC 5	Sociological Perspectives	(3)

Requirements:

MTH 9	Introduction to Computer Processes	(3)
MTH 38	Elements of Probability and Statistics	(3)
ECO 2	Macroeconomics	(3)
BUS 5	Business Law	(3)
BUS 15	Accounting I	(3)

BUS 16	Accounting II	(3)
BUS 130	Business Finance	(3)
BUS 185	Business Management	(3)
BUS 192	Business Policy and Ethics	(3)
HSP 111	Management of Health Services	(3)
HSP 110	Internship: Health Services	(3)

Total units in Administration: 33

Plus general studies requirements and electives totaling 129 semester units.

Courses are described in the departmental listings which follow.

AMERICAN STUDIES

Interdepartmental

What is distinctive about American culture? What are the developing trends in American society, in public policy, in consumer behavior? What values do Americans treasure? The major in American Studies focuses on the influences of the past and present which have affected American character, experience, and institutions.

This major is of particular value to students interested in entering government service, business, economics, management, political writing, teaching, and law.

It is possible to have a double major combining American Studies with a major in English or in history. Either combination is excellent.

The B.A. Degree with a Major in American Studies

Preparation:

ENG 26	The American Experience	(3)
HIS 7A-I	American Civilization	(9)
SOC 5	Sociological Perspectives	(3)

Recommended preparation:

ECO 2	Macroeconomics	(3)
POL 10	Political Concepts	(3)
RST 60	Religions in America	(3)

Requirements:

Eight upper division courses chosen from the following areas:

Art

ART 174	History of Art: Art of the United States	(3)
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Business

BUS 4	Introduction to American Business	(3)
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English

ENG 145	American Literature: Beginning to 1914	(3)
ENG 146	American Literature: 1914 to Present	(3)
ENG 154	Selected American Writers	(3)
ENG 181	Theory and Criticism	(3)
ENG 192	Special Studies: Selected American Studies	(3)

History

HIS 170	The Expanding Atlantic Community: Colonial Era	(3)
HIS 171	Revolutionaries and Constitutionalists; 1763-1800	(3)
HIS 172	U.S.: Jeffersonianism and Jacksonianism	(3)
HIS 173	U.S. Civil War and Reconstruction	(3)
HIS 174	U.S. Industrialism, Populism and Progressive Reform	(3)
HIS 175	U.S. The Twentieth Century	(3)
HIS 178	Diplomatic History of the U.S.	(3)
HIS 179	Constitutional History of the U.S.	(3)
HIS 188	California History	(3)

Music

MUS 163	American Music: Imitation to Creation	(3)
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Philosophy

PHI 134	American Thought	(3)
PHI 174	Aesthetics	(3)

Political Science

POL 107	Political Economics	(3)
POL 108	American Constitutional Law	(3)
POL 113	American Political Theory	(3)
POL 116	Democracy and Democratic Theory	(3)
POL 125	Foreign Relations of the U.S.	(3)
POL 138	Judicial System and Individual Rights	(3)
POL 170	American Party Politics	(3)
POL 180	State and Local Government	(3)
POL 181	Political Participation	(3)
POL 196	Experience-Oriented Courses in Political Science	(3)

Sociology

SOC 104	The Family	(3)
SOC 161	Dynamics of Majority-Minority Relations	(3)
SOC 175	Urban Sociology and Demography	(3)
SOC 179	Sociology of the Arts	(3)
SOC 185	Political Sociology	(3)
SOC 189	Sociology of Aging	(3)

At least three of the eight upper division courses must be in humanities (literature, philosophy, art, music); at least three courses must be in the social sciences (history, political science, sociology, economics).

Two Seminars in American Studies	(6)
AST 174 Seminar in American Studies I	
AST 175 Seminar in American Studies II	

Recommendations:

POL 190 Internship in Political Science	(3)
POL 191 Internship in Government Service	(3)

Total units in American Studies: 48

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in American Studies

A minimum of 21 units selected from American Studies offerings.

Students interested in an American Studies minor should arrange their total programs with the department chairperson. Because of the variety of careers to which an American Studies program may lead, the choice of courses is flexible.

AST 172 Special Studies in American Civilization (1-3)

May be repeated for credit.

spective of literary, philosophical, historical, sociological, political, and aesthetic disciplines. May be repeated for credit.

AST 175 Seminar in American Studies II (3)

This seminar is a study of a recurrent theme in American life from a variety of perspectives. Students will consider how the theme manifests itself in the art, literature, philosophy, history, and political and economic order of American society. The particular theme chosen for study will vary from year to year. May be repeated for credit.

All other courses are described in the respective department listings.

ANTHROPOLOGY

Departmental Affiliation: Sociology

ANT 2 Cultural Anthropology (3)

A study of the basic components of culture and social structure; the varied patterns whereby human needs are met in both primitive and modern societies; cultural change.

ANT 125 Comparative Societies (3)

See SOC 125.

ANT 137 Culture and Personality (3)

See SOC 137.

ART

The art major is directed toward several goals. It provides the undergraduate student with a thorough and comprehensive understanding of art as an essential human activity. It prepares students who wish to continue as professional artists or teachers of art.

It offers areas of specialization for those students who will pursue graduate study in art.

The *Bachelor of Arts Degree in Art* offers the student thorough course experiences in drawing, design, painting, photography, printmaking, sculpture, ceramics, fiber design, and art history.

The *Bachelor of Fine Arts Degree in Art* offers greater possibilities for personal concentration and development. In addition to the regular course work in drawing, design, painting, photography, printmaking, sculpture, fibers/weaving, ceramics, and art history, the student chooses an area of specialization for further study and experimentation. The B.F.A. candidate will prepare a portfolio and present her work in an exhibition at the end of the senior year.

Art courses are offered on both campuses which enrich the liberal arts experience for the student and expand the general studies offerings.

At the Doheny campus a student can begin art studies towards the B.A. or B.F.A. degree, finishing at the Chalon campus. Students should follow the guidelines suggested in the transfer program. Art courses are taught in a converted carriage house, a unique studio space at Doheny.

The B.A. Degree with a Major in Art

Preparation:

ART 1	Drawing I	(3)
ART 2	Design I	(3)
ART 4	Painting I	(3)
ART 5	Fundamentals of Art	(3)

Requirements:

ART 106	Design II	(3)
ART 122	Drawing II (Figure)	(3)
ART 111	Printmaking I	(3)

One course from the following:

ART 53	Serigraphy	(3)
ART 112	Ceramics I	(3)
ART 109	Fiber Arts	(3)
ART 125	Weaving I	(3)
ART 149	Sculpture	(3)
Six upper division courses in art:		
Two of these must be in art history.		

Total units: 45

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.F.A. Degree with a Major in Art

Preparation:

ART 1	Drawing I	(3)
ART 2	Design I	(3)

ART 4	Painting I	(3)
ART 5	Fundamentals of Art	(3)

Requirements:

ART 106	Design II	(3)
ART 122	Drawing II (Figure)	(3)
ART 111	Printmaking I	(3)

One course from the following:

ART 149	Sculpture	(3)
ART 112	Ceramics I	(3)
ART 109	Fiber Arts	(3)
ART 125	Weaving I	(3)
ART 53	Serigraphy I	(3)

Fifteen additional courses in art, including the following:

ART 175	Three courses in Art History	(9)
	Critical Theories of the	
	Visual Arts	(3)
ART 176	Portfolio and Exhibition	(3)

Upper division work should reflect a concentration in one of the following areas:

Ceramics	Painting
Design	Photography
Drawing	Printmaking
Fiber	Sculpture

All B.F.A. candidates must prepare and produce a portfolio and exhibition at the end of the senior year (ART 176).

Total units in art: 72

Plus general studies requirements and electives totaling 129 semester units.

The Minor in Art

A minimum of seven courses in art:

ART 1	Drawing I	(3)
ART 2	Design I	(3)
ART 4	Painting I	(3)
ART 5	Fundamentals of Art	(3)

Three additional courses.

Total units: 21

The Minor in Art History

A minimum of seven courses:

ART 5	Fundamentals of Art	(3)
ART 170	History of Art: Ancient to Medieval	(3)
ART 171	History of Art: Renaissance to Romanticism	(3)
ART 172	History of Art: Modern World	(3)

ART 175	Critical Theories in the Visual Arts: Seminar	(3)
ART 199	Independent Study: Research Paper in Art History	(3)

One course from the following:

ART 1	Drawing I	(3)
ART 174	History of Art: Art of the United States	(3)
ART 177	History of Art: Christian	(3)
Total Units: 21		

ART 1 Drawing I (3)
Development of basic drawing skills. Emphasis on fundamentals of form, structure, and composition. Various black and white media are explored.

***ART 10 Photography I** (3)
A laboratory and theory course introducing techniques of shooting, developing, and printing. Students are expected to supply their own cameras.

ART 2 Design I (3)
An investigation of the elements and principles of design through specific visual problems. Color theories are explored and subsequent interaction of color is studied through application.

***ART 11 Printmaking I (Intaglio)** (3)
A laboratory course involving intaglio, collagraph, and relief printing processes. Historical development and the aesthetic value of the print image will be considered. Creative experimentation with materials and technique is emphasized. *Prerequisites: ART 1, 2.*

***ART 4 Painting I** (3)
The development of skills relative to composition, color and other structural elements of painting. Primarily acrylic paint will be used although various materials can be considered. Building a stretcher bar and stretching canvas will be included.

***ART 12 Ceramics I** (3)
Foundation course emphasizing wheel-thrown forms. The student will be introduced to all aspects of ceramic processes. Emphasis will be on personal development of visual concepts through the use of clay.

***ART 5 Fundamentals of Art** (3)
Illustrated lecture through the use of slides and films on the development of art forms from historical periods through contemporary life. Various modes of painting, sculpture, architecture, and crafts will be studied.

***ART 20 Painting II** (3)
Contemporary modes of painting will be explored and traditional approaches re-examined. Emphasis will be on the further development of skills and techniques. Various painting materials will be investigated. *Prerequisite: ART 4.*

***ART 6 Design II** (3)
The application of the elements and principles of design to further the development of creative ideas. Includes graphic processes and techniques. *Prerequisite: ART 2.*

***ART 22 Figure Drawing II** (3)
Drawing from life in various media, preceded by introductory anatomical studies. The accurate and creative use of the figure in composition will be an objective of the course. *Prerequisite: ART 1.*

***ART 7 Modern Art Survey** (3)
The aim of this course is to help students develop a greater aesthetic awareness through direct exposure to the visual arts. Emphasis on visits to artists' studios, major museums, and galleries.

***ART 30AB Graphic Communication** (3, 3)
The development of visual ideas for the purpose of communication. A variety of techniques and graphic processes will be explored. Students will develop visual images relative to social, industrial and institutional concerns. *Prerequisites: ART 2 and ART 6.*

***ART 9 Fiber Arts I** (3)
The development of design and visual concepts through the use of fiber and other related materials. Techniques of non-loom processes will be explored. *Prerequisite: ART 2 or permission of instructor.*

***ART 45 Creative Art Experience for Young Children (3)**

The study of the child and environment in relation to art. Materials and ideas developed to stimulate personal expression in children.

***ART 46 Art as Therapy (3)**

Through the use of various techniques, this course will familiarize the student with the experiential and cultural dimensions of working in art with exceptional individuals who are physically or mentally handicapped.

***ART 53 Serigraphy (3)**

An introduction to silk screen printing. The study of techniques through the use of various stencils, chemicals, and photo-processes. The course will include building a printing unit.

***ART 77 History of Art: Christian (3)**

Explores the role of art in the evolution of Christian faith. Slide lecture.

ART 94 Study/Travel (1-6)*ART 99 Special Experience (3)**

An individually designed course combining field experience with studio projects. May be repeated for credit.

ART 123 Ceramics II (3)

Handbuilding methods stressed in the designing, forming and glazing of individualized ceramic forms. Further techniques for improvement and development in the areas of decoration, glazing, kiln loading and firing will be introduced. *Prerequisite: ART 12.*

ART 125 Weaving I (3)

An introduction to materials and techniques of loom weaving. Emphasis will be on development of skills, understanding processes, and application of design concepts.

ART 131AB Rendering Techniques (3, 3)

The experimentation and exploration of materials and techniques used in rendering. Various media, papers and tools will be utilized relative to appropriate application. Graphic presentation and illustrative treatment will be pursued as these techniques relate to the reproduction and graphic process. *Prerequisites: ART 1 and ART 2.*

ART 135 Graphic Art Internship (1-3)

Development of skills in the graphic arts as used in offset printing. Emphasis will be on design, layout, and copy production, and the

step-by-step preparation of artwork from design to camera to plate and press. *Prerequisite: ART 1 and 2.*

ART 142 ABC Serigraphy II (3, 3, 3)

Investigation into more complicated stencil making processes. Further experiments with photographic techniques and color separation. Students will be encouraged to develop their own visual vocabulary. *Prerequisite: ART 53.*

ART 149 Sculpture I (3)

An introduction into basic sculpture processes and techniques. Emphasis on the creative development of three-dimensional form in space. Various materials will be explored.

ART 150 Photography II (3)

The further development of camera and dark-room techniques. Emphasis will be placed on the study and creative use of controlled lighting. *Prerequisite: ART 10.*

ART 151 Printmaking II (Lithography) (3)

Introduction to the graphic processes of lithography; work in black and white and color. Exploration of both traditional and contemporary techniques. *Prerequisite: ART 10*

ART 154ABC Fiber Arts II (3)

The further development of fiber techniques as applied to sculptural form. Emphasis will be on individual growth and the development of visual concepts. A wide range of materials will be explored. *Prerequisite: ART 9.*

ART 155ABC Weaving II (3)

The further development of loom weaving processes. Emphasis will be on visual concepts explored through individual projects. Related fiber processes will be introduced. *Prerequisite: ART 125.*

ART 159ABC Sculpture II (3, 3, 3)

Advanced problems which encourage conceptual development and technical control. Individual direction and choice of materials are encouraged. *Prerequisite: ART 149.*

ART 160ABC Photography III (3, 3, 3)

The exploration of contemporary processes such as litho-breakdown, arbitrary color, photo-composites, and solarization. Personal direction and the development of photography as an art form will be emphasized. *Prerequisite: ART 150.*

ART 161ABC Printmaking III (3, 3, 3)
 Coordination of individual problems in specific areas of printmaking. Techniques of photo-etching, photo-litho, and color printing. Personal direction will be encouraged. *Prerequisite: ART 151.*

ART 162ABC Ceramics III (3, 3, 3)
 Increased emphasis on wheel-formed and handbuilt objects, glaze formulation and kiln supervision. Stresses further concepts of design, craftsmanship and development of personal standards of evaluation. Individual direction through selective problems will be encouraged. *Prerequisite: ART 123.*

ART 163ABC Drawing III (3, 3, 3)
 Individual problems in drawing will be coordinated. Models will be available for further figure and life composition studies. Research of materials and techniques will be encouraged. *Prerequisite: ART 22.*

ART 167ABC Painting III (3, 3, 3)
 Individual problems in painting will be coordinated. The development of related works and continued technical research will be emphasized. *Prerequisite: ART 20.*

ART 170 History of Art: Ancient to Medieval (3)
 Illustrated lecture. Art from the prehistorical period to 1400 A.D., including Egypt, Greece, Rome, and the late middle ages. Relationships of painting, sculpture, and architecture to the social and cultural environment.

ART 171 History of Art: Renaissance to Romanticism (3)
 Illustrated lecture. The arts in Europe from 1400 to 1850. Study of major styles and artists,

including Michelangelo, Rubens, Rembrandt, Delacroix, and their relationship to their culture.

ART 172 History of Art: Modern World (3)
 Illustrated lecture. Major art movements and personalities from 1850 to the present, including Impressionism, Cubism, Surrealism, the Mexican muralists, Abstract Expressionism, and current trends. Emphasis on the cultural trends which provide the individual and theoretical background of contemporary art.

ART 174 History of Art: Art of the United States (3)
 Illustrated lecture. Survey of art produced in the United States from the colonial period to the present day. Traces the development of American tradition, European influence, and the relationship to the social and cultural environment.

ART 175 Critical Theories in the Visual Arts: Seminar (3)
 A systematic approach to art theory, criticism and evaluation. Includes visits to museums, galleries, and exhibits. Lecture and discussion. *Prerequisite: Major or minor in art (upper division).*

ART 176 Portfolio Exhibition (3)
 Open only to graduating seniors. Emphasis placed on professional readiness. All students must prepare a portfolio that will be shown. (B.F.A. Program only.)

ART 190 Workshop (1-3)
 May be repeated for credit.

ART 191 Directed Readings (1-3)

ART 195 B.F.A. Studio (3)

ART 199 Independent Study (1-3)
 Advanced individual problems. May be repeated for credit.

BIOCHEMISTRY

Departmental Affiliation: Physical Science and Math

The major in biochemistry offers the student an interdisciplinary study of biology and chemistry, and provides an excellent preparation for all preprofessional areas leading into medicine, dentistry, and pharmacy.

The B.S. Degree with a Major in Biochemistry

Preparation:

BIO 1AB	Biological Dynamics	(4, 4)
CHE 1AB	General Chemistry	(4, 4)
CHE 6AB	Organic Chemistry	(4, 4)
MTH 3AB	Mathematical Analysis I	(4, 4)
PHY 1A	Elementary Physics	(3)
PHY 1B	Intermediate Physics	(4)

Requirements:

BIO 130	Genetics	(3)
BIO 151A	Cellular Physiology	(4)
CHE 107	Biochemistry	(4)
CHE 110AB	Physical Chemistry	(4, 3)
CHE 111	Physical Chemistry Laboratory	(2)
CHE 199	Research	(3)

One additional upper division in chemistry and two additional courses in biology, selected from BIO 118, 120, 151B.

Total units in chemistry, biology, mathematics, and physics: 73

Plus general studies requirements and electives totaling 129 semester units.

Courses are described in the respective department listings.

BIOLOGICAL SCIENCES

Students in the Department of Biological Sciences may elect one or more of the following options: general sciences, pre-medical or pre-dental programs, medical technology, physical therapy, and respiratory therapy. The programs in physical therapy and respiratory therapy are listed alphabetically in the catalog. See also the two-year Associate in Arts programs in physical therapist assistant and respiratory therapy.

The programs listed above will prepare the student to enter medical school, graduate degree programs, clinical and research laboratories, allied health professions, or teaching.

Students may earn a B.A. degree or a B.S. degree. For the B.A. degree it is necessary to complete the foreign language requirement.

The B.A. Degree with a Major in Biological Sciences

Preparation:

BIO 1A	Biological Dynamics	(4)
BIO 1B	Biological Dynamics	(4)

Plus courses in chemistry, mathematics and physics.

Requirements:

Seven to nine upper division courses including:

BIO 118	Endocrinology	(4)
BIO 130	Genetics	(3)
BIO 150	Biology of Aging	(3)
BIO 151A	Cellular Physiology	(4)
BIO 195	Senior Seminar	(2)

Total units in biological sciences: 33-36

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.S. Degree with a Major in Biological Sciences

Preparation:

BIO 1A	Biological Dynamics	(4)
BIO 1B	Biological Dynamics	(4)

Plus courses in chemistry, mathematics, physics.

Requirements:

Nine to ten upper division courses including:

BIO 118	Endocrinology	(4)
BIO 130	Genetics	(3)
BIO 151A	Cellular Physiology	(4)
BIO 195	Senior Seminar	(2)
BIO 197	Research Readings	(1)
BIO 198	Research	(1-3)

Recommendations:

BIO 120	Human Embryology	(4)
BIO 150	Biology of Aging	(3)
BIO 151B	Medical Physiology	(4)
MTH 9	Introduction to Computer Processes	(3)
MTH 35	Introduction to Biostatistics	(3)

Total units in Biological Sciences: 33-39

Plus general studies requirements and electives totaling 129 semester units.

The B.S. Degree with a Major in Biological Sciences Pre-Medical/Pre-Dental Programs

Preparation:

BIO 1A	Biological Dynamics	(4)
BIO 1B	Biological Dynamics	(4)

Plus courses in chemistry, mathematics, physics.

Requirements:

Nine to ten upper division courses including:

BIO 118	Endocrinology	(4)
BIO 120	Human Embryology	(4)

BIO 130	Genetics	(3)
BIO 150	Biology of Aging	(3)
BIO 151A	Cellular Physiology	(4)
BIO 151B	Medical Physiology	(4)
BIO 195	Senior Seminar	(2)
BIO 197	Research Readings	(1)
BIO 198	Research	(1-3)

Recommendations:

MTH 9	Introduction to Computer Processes	(3)
MTH 35	Introduction to Biostatistics	(3)
CHE 110AB	Physical Chemistry	(6)

Total units in Biological Science: 33-39

Plus general studies requirements and electives totaling 129 semester units.

The B.S. Degree with a Major in Biological Sciences Medical Technology Program

Preparation:

BIO 1A	Biological Dynamics	(4)
BIO 1B	Biological Dynamics	(4)
BIO 3	General Microbiology	(4)

Plus courses in chemistry, mathematics, physics.

Requirements:

Nine to ten upper division courses including:

BIO 104	Medical Bacteriology	(4)
BIO 105	Immunology	(4)
BIO 106	Medical Mycology	(3)
BIO 107	Parasitology	(3)
BIO 108	Hematology	(4)
BIO 130	Genetics	(3)
BIO 151A	Cellular Physiology	(4)
BIO 195	Senior Seminar	(2)
BIO 197	Research Readings	(1)
BIO 198	Research	(1-3)

Recommendations:

MTH 9	Introduction to Computer Processes	(3)
MTH 35	Introduction to Biostatistics	(3)
BUS 85	Business Management	(3)
CHE 120	Instrumental Methods of Analysis	(3)

Total units in Biological Sciences: 33-39

Plus general studies requirements and electives totaling 129 semester units.

The Minor in Biological Sciences

A minimum of 20 units in the biological sciences including:

BIO 1A	Biological Dynamics	(4)
BIO 1B	Biological Sciences	(4)

Plus at least three upper division courses.

BIO 1A Biological Dynamics (4)

An introduction to the science of biology and the variety of organisms in the biosphere. Topics presented include theories relative to the origin of life, cellular structure and function, evolution as a unifying principle in biology, and processes of inheritance. Laboratory experiences give students an opportunity to understand scientific methods of investigation. Lecture 3 hrs., laboratory 3 hrs.

topics as nutrition, infectious disease, and the effects of alcohol, drugs, and tobacco. Lecture 3 hrs.

BIO 31 Human Sexuality (3)

An introduction to the physiology of human sexuality. Current views on sexual behavior examined from the psychological, psychosocial and physiological aspects of function and behavior.

BIO 1B Biological Dynamics (4)

An introduction to the study of biology at the organismic, populational, and environmental levels. Included are topics dealing with the structures and coordination of functions of complex multicellular organisms, biological factors that support community life systems, ecological interrelationships of plants and animals and man's impact upon the environment. Lecture 3 hrs., laboratory 3 hrs. *Prerequisite: BIO 1A.*

BIO 41AB Human Anatomy and Physiology (4, 4)

Study of the structure and function of the human body. Lecture 3 hrs., laboratory 3 hrs. Course specifically designed for students enrolled in the two-year allied health programs.

BIO 51AB Human Physiology and Anatomy (4, 4)

The study of the basic chemical and physical principles which relate to the structure and function of the human body. The aim of the course is to provide students with an understanding of the interdependence and interrelationships at each level of organization beginning with the cell and progressing to the organism as a whole. Lecture 3 hrs., laboratory 3 hrs.

BIO 2 Botany (3)

Study of plant biology including basic concepts of anatomy, morphology, taxonomy, genetics, and reproduction with phylogenetic relationships. Lecture 2 hrs., laboratory 3 hrs.

BIO 67 Field Biology (3)

An introduction to the concepts of field biology. Basic principles of plant and animal taxonomy and ecology. Identification of local species. Lecture 2 hrs., laboratory and field trips 3-5 hrs.

BIO 3 General Microbiology (4)

Basic principles of microbial growth and metabolism, morphology, taxonomy, pathogenicity, immunity and control. Microorganisms as agents of disease and normal inhabitants of man's environment. Techniques of isolation, cultivation and identification of these organisms. Lecture 3 hrs., laboratory 3 hrs.

BIO 87 Fundamental Concepts (1-3)

An acyclic series of basic concepts in the field of biological sciences.

BIO 4 Fundamentals of Biology (3)

An introductory course in biology. Presents the main principles of organization, function, heredity, and evolution of plants and animals, and introduces the student to methods of study in the life sciences. Lecture 2 hrs., laboratory 2 hrs.

BIO 104 Medical Bacteriology (4)

Morphology, taxonomy, metabolism, and immunology of bacteria pathogenic to man. Techniques of isolation, cultivation, and identification of these organisms. Lecture 2 hrs., laboratory 4 hrs. *Prerequisite: BIO 3.*

BIO 10 Health Science (3)

An introductory course designed to provide the student with a basic understanding of the functioning of the human body as it relates to common health problems. Included are such

BIO 105 Immunology (4)

Basic principles and theories of the body's immune mechanisms. Native immunity, antibody production, antibody-antigen reactions,

tissue transplants, autoimmune diseases, hypersensitivity. Lecture 3 hrs., laboratory 3 hrs. *Prerequisite: BIO 3.*

BIO 106 Medical Mycology (3)

Introduction to the morphology, physiology, and taxonomy of the fungi which cause disease in man. Techniques of isolation, cultivation, and identification of these organisms. Lecture 2 hrs., laboratory 3 hrs. *Prerequisite: BIO 3.*

BIO 107 Parasitology (3)

Study of the morphology, habits, and life cycles of animal parasites and their relation to disease in man. Lecture 2 hrs., laboratory 3 hrs. *Prerequisite: BIO 1AB or 3.*

BIO 108 Hematology (4)

Normal blood formation and abnormal blood conditions. Laboratory observation of blood cells, techniques of enumeration and identification of normal and abnormal elements in the blood. Lecture 2 hrs., laboratory 4 hrs. *Prerequisite: BIO 1AB.*

BIO 110 Microbial Physiology (3)

The course is intended to provide the student with a basic understanding of the biochemical activities of bacteria as related to their growth, nutrition, metabolic activities, and genetics. Lecture 2 hrs., laboratory 6 hrs. *Prerequisite: CHE 7.*

BIO 118 Endocrinology (4)

The chemical coordination mechanisms whereby major functions of the body are integrated through the secretions of the nervous and endocrine systems. Lecture 2 hrs., laboratory 6 hrs. *Prerequisite: BIO 1AB; Biochemistry recommended.*

BIO 120 Human Embryology (4)

Causal mechanisms of development: physiological processes involved in growth and repair, induction mechanisms, and immunological capacities. Lecture 2 hrs., laboratory 6 hrs. *Prerequisite: BIO 1AB.*

BIO 126 Biology of the Vertebrates (3)

The evolutionary development of structural relationships with their functional significance; a comparison of physiological dynamics at various stages of complexity of development. Lecture 2 hrs., laboratory 3 hrs. *Prerequisite: BIO 1AB.*

BIO 130 Genetics (3)

A study of the principles of heredity. Classical viewpoints are examined and explained by modern molecular analyses. Molecular aspects of reproduction and their significance to evolution are considered. Lecture 3 hrs. *Prerequisite: BIO 1AB.*

BIO 149 Molecular Physiology (4)

An examination of the physiochemical principles of living systems at the cellular level. Emphasis will be placed on neuromuscular control mechanisms, neuroendocrine integration and coordination, energetics and antigen-antibody reactions. Lecture 3 hrs., laboratory 3 hrs.

BIO 150 Biology of Aging (3)

An examination of the various physiological aspects associated with the effects of aging on the human body. Emphasis will be placed on the five leading causes of death in the United States and preventive medicine theories related to these diseases will be discussed. *Prerequisite: BIO 1AB or 51AB.*

BIO 151A Cellular Physiology (4)

The physiochemical principles of cellular control mechanisms including: energetics, photoresponse, cellular integration and environmental effects, transport systems, muscle innervation. antigen-antibody reaction. Lecture 2 hrs., laboratory 6 hrs. *Prerequisite: BIO 1AB, Biochemistry.*

BIO 151B Medical Physiology (4)

Detailed study of the functional processes of the body; interrelationships of the systems; dynamics of fluid balance, control mechanisms, transport systems, metabolic activity. Lecture 3 hrs., laboratory 3 hrs. *Prerequisite: BIO 1AB; Biochemistry recommended.*

BIO 152 Animal Physiology (3)

Detailed study of the functional processes of animal systems; interrelationship of these systems, development, differentiation, and growth. Lecture 2 hrs., laboratory 3 hrs. *Prerequisite: BIO 1AB; Biochemistry recommended.*

BIO 153 Physiological Chemistry (4)

A study of the physiochemical principles of living systems. Emphasis will be placed on membrane control mechanisms, nucleic acid and protein synthesis, biotransformations of nutrients, ionic balance and detoxification, enzymes, and neuroendocrine integration and coordination.

BIO 158 Gross Anatomy (4)	BIO 190 Workshop (1-3)
Integrative approach to the study of gross structure of the human body with emphasis on skeletal, neuromuscular, circulatory, and respiratory systems. Dissection of cadaver reinforced by the use of multiple teaching/learning media. Lecture and laboratory. <i>Prerequisite: Physical Therapy Junior Status.</i>	May be repeated for credit.
BIO 160 Neuroanatomy/ Neurophysiology (3)	BIO 192AB Special Studies (3, 3)
Development, gross and microscopic structure and function of the central nervous system. Basic principles of neurophysiology which control posture and movement including spinal cord reflexes, ascending and descending tracts of the spinal cord, and suprasegmental influences. Lecture and Laboratory. <i>Prerequisite: Physical Therapy Junior Status.</i>	BIO 195 Senior Seminar (2)
BIO 165 Marine Biology (3)	BIO 196TA Tutoring in Biological Sciences (1-3)
Interrelationships of marine population; morphology, physiology, evolution, and distribution of the plant and animal organisms. Lecture 2 hrs., laboratory and field trips 3-5 hrs.	Assisting in course presentation under the direction of the faculty. <i>Prerequisite: Senior standing with a major in biological sciences.</i>
BIO 187 Selected Topics in Biology (1-3)	BIO 197 Research Readings (1)
An acyclic series of topics of current interest in the field of biological sciences.	Directed reading in a special interest area for the departmental research requirement.
	BIO 198 Biological Research (1-3)
	Directed research project. May be taken under the guidance of a biology or biochemistry staff member. <i>Prerequisite: BIO 197.</i>
	BIO 199 Independent Study (1-3)
	The initiation or continuation of a project. Work should culminate in a research paper or report.

BUSINESS

The Business Department offers two degree programs. The associate degree in business is available on the Doheny campus in three areas of specialization: accounting, office administration, and legal secretary.

The baccalaureate degree, on the Chalon campus, offers specializations in business administration, fashion merchandising, international business, management, managerial accounting, marketing, and real estate. Students may begin their studies at the associate degree level and transfer into the four year programs. Students intending to do so should discuss this with their academic advisor and note that some of the courses in the A.A. program may not be applied toward the baccalaureate degree.

The A.A. Programs

The Associate in Arts Degree in Business is attained by completion of a two-year career-oriented program with a specialization in one of three areas: Accounting, Office Administration, Legal Secretary.

In each area of specialization the curriculum has been designed to meet one of the most pressing needs of business today: college-trained women able to accept responsibility, make intelligent decisions, and function as a member of an office team.

The program includes courses in the skills necessary for entry positions; in business administration to give the background for advancement; and in the liberal arts to provide the "plus" of wider horizons and broader interests — all of this in an atmosphere of support and encouragement conducive to personal growth and development.

With this preparation, graduates of the business program are ready for entry-level positions of responsibility in many areas and are equipped to advance in the business and professional world as far as their individual talents and abilities will take them.

A special feature of the business program is the internship which bridges the gap between formal education and life situations by providing work experience in a business firm or a legal office. It helps the student to develop personality and poise and to acquire good working habits. In the weekly seminar session the students evaluate experiences and develop an appreciation for and an understanding of the relationship between formal education and career success.

Requirements for Admission into the Business Program:

1. Good records in high school business courses.
2. Well developed business skills (or adequate substitute as determined through a screening process).
3. The personal qualities needed to function well in a business office.

The A.A. Degree in Business

Accounting Curriculum

First Year

Fall

ENG 10A	Written and Oral Communication	(3)
BUS 23	Mathematics for Business	(3)
BUS 3	Accounting Concepts	(3)
BUS 26	Adding and Calc. Machines	(1)
SPR 80	Group Experience	(1)
	A.A. Requirement/Elective	(3)
		—

Interterm

	AA Requirement/Elective	(3)
Spring		
ENG 10B	Written and Oral Communication	(3)
BUS 4	Intro. to American Business	(3)
ECO 2	Macroeconomics	(3)
*BUS 22A	Advanced Typewriting I	(2)
BUS 15	Accounting I	(3)
		—
		14

Second Year**Fall**

BUS 22B	Advanced Typewriting II	(2)
BUS 5	Business Law	(3)
BUS 16	Accounting II	(3)
	AA Requirement/Elective	(6)
		—
		14

Interterm

	AA Requirement/Elective	(3)
Spring		
MTH 9	Intro. to Computer Processes	(3)
BUS 85	Business Management	(3)
BUS 17	Payroll Accounting	(3)
BUS 90	Business Internship	(3)
	AA Requirement	(3)
		—
		15

Plus all requirements for the A.A. degree.

*Bus 22A may be waived on the basis of competency testing.

The A.A. Degree in Business Office Administration Curriculum

First Year**Fall**

ENG 10A	Written and Oral Communication	(3)
BUS 23	Mathematics for Business	(3)
BUS 3	Accounting Concepts	(3)
SPR 80	Group Experience	(1)
	AA Requirement/Elective	(3)
		—
		13

Interterm

	AA Requirement/Elective	(3)
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Spring

ENG 10B	Written and Oral Communication	(3)
BUS 4	Intro. to American Business	(3)
ECO 2	Macroeconomics	(3)
*BUS 22A	Advanced Typewriting I	(2)
BUS 24A	Shorthand Transcription I or Elective	(3)
		—
		14

Second Year

Fall

BUS 22B	Advanced Typewriting II	(2)
BUS 5	Business Law	(3)
BUS 25	Machine Transcription	(2)
BUS 26	Adding and Calc. Machines	(1)
BUS 84	Organizational Behavior	(3)
BUS 24B	Shorthand Transcription II or Elective	(3)
		—
		14



Interterm	AA Requirement/Elective	(3)
Spring		
MTH 9	Intro. to Computer Processes	(3)
BUS 85	Business Management	(3)
BUS 20	Office Administration	(3)
BUS 21	Business Communications	(3)
BUS 90	Business Internship	(3)
		—
		15

Plus all requirements for the A.A. degree.

*Bus 22A may be waived on the basis of competency testing.

The A.A. Degree in Business

Legal Secretary Curriculum

First Year

Fall		
ENG 10A	Written and Oral Communication	3
BUS 23	Mathematics for Business	3
*BUS 14	Begin./Intermed. Shorthand	3
SPR 80	Group Experience	1
	AA Requirement/Elective	3
		—
		13

Interterm	AA Requirement/Elective	3
Spring		
ENG 10B	Written and Oral Communication	3
BUS 4	Intro. to American Business	3
ECO 2	Macroeconomics	3
*BUS 22A	Advanced Typewriting I	2
BUS 24A	Shorthand Transcription I	3
		—
		14

Second Year

Fall		
BUS 22B	Advanced Typewriting II	2
BUS 5	Business Law	3
BUS 25	Machine Transcription	2
BUS 26	Adding and Calc. Machines	1
BUS 24B	Shorthand Transcription II	3
BUS 27	Legal and Secretarial Proc. I	3
		—
		14

Interterm

	AA Requirement/Elective	3
Spring		
MTH 9	Intro. to Computer Processes	3
BUS 29	Legal Secretarial Proc. II	3
BUS 20	Office Administration	3
BUS 21	Business Communications	3
BUS 90	Business Internship	3
		—
		15

Plus all requirements for the A.A. degree.

*BUS 14 and 22A may be waived on the basis of competency testing.

The Baccalaureate Programs

The baccalaureate programs in Business prepare students for professional careers by stimulating rigorous, imaginative, analytic, and probing attitudes. An emphasis on breadth, skills, problem solving and basic knowledge pervades all levels of education in the Business major. The scope of the business program, coupled with a wide range of nonbusiness subjects at all educational levels, reflects the College's belief that education is to equip students for satisfying achievements in life as well as in business.

The emphasis in **Business Administration** offers a curriculum centered around the practical, applied courses that qualify students to enter administrative positions immediately after graduation. Courses cover the broad spectrum of business activity and allow the students to choose from a variety of possible career opportunities in both the public and private sector.

The emphasis in **Fashion Merchandising** prepares students for positions in retail buying, selling and promotion of fashion apparel and accessories in department stores and specialty shops. A graduate may find employment as a buyer, fashion consultant, fashion coordinator, department manager or researcher of market trends. Business courses included in the emphasis make available the option of self-employment as owner/manager of a boutique.

The emphasis in **Health Services Administration** is a four-year business program designed to prepare students for administrative positions — in medical, hospital, and health-care facilities.

The emphasis in **International Business** prepares the student for the many opportunities available in the fields of international business, international finance and government service. The International Business emphasis is designed for individuals with an interest in business on a global scale. The business segment of the emphasis concentrates on the social, political, and economic aspects of the international marketplace. The language segment prepares students for the practical needs of language and contemporary culture necessary for the effective business relations in the world marketplace. A minor in International Business is also offered.

The emphasis in **Management** focuses on the practical application of planning, organizing, staffing, directing and controlling the operations of contemporary business. Students will find themselves well prepared to pursue graduate work or to enter a wide variety of career opportunities upon completion of the program.

The emphasis in **Managerial Accounting** qualifies students to enter the most rapidly expanding areas in business activities. Students are prepared in the practical areas of cost accounting and internal auditing as well as the application of computer techniques to corporate accounting systems. Graduates will be qualified for employment

in corporate accounting departments, computer firms and as internal auditors. Accountants are an integral part of the management team of an organization.

The emphasis in **Marketing** prepares a student for careers in marketing, advertising and sales. Areas of study include product design, promotion, distribution policies, salesmanship and pricing decisions.

The emphasis in **Real Estate** prepares business students to enter the field of residential or commercial real estate. Real estate law, finance and investments are studied in the context of a broad exposure to general business theory and practice.

Business Internship (BUS 190) is restricted to seniors whose academic performance qualifies them for the internship experience. The department will attempt to place such students as interns in administrative positions where they can increase their competency and acquire practical business experience.

The B.A. Degree with a Major in Business

Business Administration Emphasis

Preparation:

BUS 4	Women in Management: An Introduction to American Business	(3)
BUS 5	Business Law	(3)
BUS 15	Accounting I	(3)
BUS 16	Accounting II	(3)
BUS 85	Business Management	(3)
ECO 1	Microeconomics	(3)
ECO 2	Macroeconomics	(3)
MTH 9	Introduction to Computer Processes	(3)
MTH 38	Elements of Probability and Statistics	(3)
PSY 1	General Psychology	(3)
SPE 10	Public Speaking	(3)
SPR 18	Career Planning	(1)

Requirements:

Ten upper division business courses including:

BUS 123	Business Mathematics	(3)
BUS 130	Business Finance	(3)
BUS 160	Marketing	(3)
BUS 157	Personnel	(3)
BUS 161	Advertising	(3)
BUS 175	Principles of Salesmanship	(3)
BUS 184	Organizational Behavior	(3)
BUS 192	Business Policy and Ethics	(3)

Recommendations:

RST 17	Education for Justice	(3)
SOC 5	Sociological Perspectives	(3)

MTH 3A is highly recommended for any business major who intends to enter a master of business administration program.

Total Units in Business: 45

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Business

Fashion Merchandising Emphasis

Preparation:

ART 2	Design I	(3)
BUS 4	Women in Management: An Introduction to American Business	(3)
BUS 15	Accounting I	(3)
BUS 85	Business Management	(3)
ECO 2	Macroeconomics	(3)
MTH 9	Introduction to Computer Processes	(3)
PSY 1	General Psychology	(3)
SPE 10	Public Speaking	(3)
SPR 18	Career Planning	(1)

Requirements:

BUS 40	Fundamentals of Fashion: Construction	(3)
BUS 41	Fundamentals of Fashion: Materials	(3)
BUS 42	Fashion Analysis	(3)
BUS 43	The Fashion Industry	(3)
BUS 157	Personnel	(3)
BUS 160	Marketing	(3)
BUS 161	Advertising	(3)
BUS 162	Retailing	(3)
BUS 175	Principles of Salesmanship	(3)
BUS 184	Organizational Behavior	(3)
BUS 192	Business Policy and Ethics	(3)
PSY 148	Personnel and Consumer Psychology	(3)

Recommendations:

BUS 130	Business Finance	(3)
BUS 190	Business Internship	(3)
RST 17	Education for Justice	(3)
SOC 5	Sociological Perspectives	(3)

Total Units in Business: 42

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Business

Health Services Administration Emphasis

Preparation:

BUS 4	Women in Management: An Introduction to American Business	(3)
BUS 5	Business Law	(3)
BUS 15	Accounting I	(3)
BUS 16	Accounting II	(3)
BUS 85	Business Management	(3)
ECO 1	Microeconomics	(3)
ECO 2	Macroeconomics	(3)
MTH 9	Introduction to Computer Processes	(3)
MTH 38	Elements of Probability and Statistics	(3)
PSY 1	General Psychology	(3)
SPE 10	Public Speaking	(3)
SPR 18	Career Planning	(1)

Requirements:

Ten upper division business courses including:

BUS 123	Business Mathematics	(3)
BUS 130	Business Finance	(3)
BUS 160	Marketing	(3)
BUS 157	Personnel	(3)
BUS 184	Organizational Behavior	(3)
BUS 192	Business Policy and Ethics	(3)
HSP 110	Internship	(3)
HSP 111	Management of Health Services	(3)
PSY 133	Psychology of Disability Adjustment	(3)

Recommendations:

RST 17	Education for Justice	(3)
SOC 5	Sociological Perspectives	(3)

MTH 3A is highly recommended for any business major who intends to enter a master of business administration program.

Total units in Business: 36

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Business

International Business Emphasis

Preparation:

BUS 15	Accounting I	(3)
BUS 16	Accounting II	(3)
BUS 85	Business Management	(3)

BUS 130	Business Finance	(3)
BUS 160	Marketing	(3)
ECO 1	Microeconomics	(3)
ECO 2	Macroeconomics	(3)
MTH 9	Introduction to Computer Processes	(3)
MTH 38	Elements of Probability and Statistics	(3)
PSY 1	General Psychology	(3)
SPE 10	Public Speaking	(3)
SPR 18	Career Planning	(1)
POL 134 or POL 196	International Organizations	(3)
	Model United Nations	(3)

Business

Requirements:

BUS 189	International Management and National Policies	(3)
BUS 191	International Internship	(3)
BUS 195	International Markets and Transportation Management	(3)
ECO 195	International Economics	(3)

Recommendations:

POL 125	Foreign Relations of the U.S.	(3)
POL 131	International Relations	(3)
RST 17	Education for Justice	(3)
SOC 5	Sociological Perspectives	(3)

Foreign Language

Requirements:

29 units in Spanish or French

See also International Business Minor in Foreign Languages

Total Units in Business/Economics 33

Plus general studies requirements and electives totaling 129 semester units.

The Minor in International Business

BUS 15	Accounting I	(3)
ECO 2	Macroeconomics	(3)
BUS 85	Business Management	(3)
BUS 160	Marketing	(3)
BUS 161	Advertising	(3)
BUS 189	International Management and National Policies**	(3)
BUS 194	International Economics**	(3)

*Jr. and Sr. level courses

The B.A. Degree with a Major in Business

Management Emphasis

Preparation:

BUS 4	Women in Management: An Introduction to American Business	(3)
BUS 5	Business Law	(3)
BUS 15	Accounting I	(3)
BUS 16	Accounting II	(3)
BUS 85	Business Management	(3)
ECO 1	Microeconomics	(3)
ECO 2	Macroeconomics	(3)
MTH 9	Introduction to Computer Processes	(3)
MTH 38	Elements of Probability and Statistics	(3)
PSY 1	General Psychology	(3)
SPE 10	Public Speaking	(3)
SPR 18	Career Planning	(1)

Requirements:

Ten upper division business courses including:

BUS 123	Business Mathematics	(3)
BUS 130	Business Finance	(3)
BUS 160	Marketing	(3)
BUS 175	Principles of Salesmanship	(3)
BUS 181	Behavioral Science in Management	(3)
BUS 184	Organizational Behavior	(3)
BUS 192	Business Policy and Ethics	(3)

Recommendations:

RST 17	Education for Justice	(3)
SOC 5	Sociological Perspectives	(3)

MTH 3A is highly recommended for any business major who intends to enter a master of business administration program.

Total units in Business: 45

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Business

Managerial Accounting Emphasis

Preparation:

BUS 4	Women in Management: An Introduction to American Business	(3)
BUS 5	Business Law	(3)
BUS 15	Accounting I	(3)
BUS 16	Accounting II	(3)

BUS 85	Business Management	(3)
ECO 1	Microeconomics	(3)
ECO 2	Macroeconomics	(3)
MTH 9	Introduction to Computer Processes	(3)
MTH 38	Elements of Probability and Statistics	(3)
PSY 1	General Psychology	(3)
SPE 10	Public Speaking	(3)
SPR 18	Career Planning	(1)

Requirements:

Ten upper division business courses including:

BUS 123	Business Mathematics	(3)
BUS 137	Intermediate Managerial Accounting I	(3)
BUS 138	Intermediate Managerial Accounting II	(3)
BUS 153	Computer Programming	(3)
BUS 154	Cost Accounting	(3)
BUS 155	Systems Design and Analysis	(3)
BUS 186	Tax Accounting	(3)
BUS 188	Auditing	(3)
BUS 192	Business Policy and Ethics	(3)

Recommendations:

RST 17	Education for Justice	(3)
SOC 5	Sociological Perspectives	(3)

MTH 3A is highly recommended for any business major who intends to enter a master of business administration program.

Total units in Business 45

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Business

Marketing Emphasis

Preparation:

BUS 4	Women in Management: An Introduction to American Business	(3)
BUS 5	Business Law	(3)
BUS 15	Accounting I	(3)
BUS 16	Accounting II	(3)
BUS 85	Business Management	(3)
ECO 1	Microeconomics	(3)
ECO 2	Macroeconomics	(3)
MTH 9	Introduction to Computer Processes	(3)
MTH 38	Elements of Probability and Statistics	(3)
PSY 1	General Psychology	(3)
SPE 10	Public Speaking	(3)
SPR 18	Career Planning	(1)

Requirements:

Ten upper division business courses including:

BUS 123	Business Mathematics	(3)
BUS 160	Marketing	(3)
BUS 161	Advertising	(3)
BUS 162	Retailing	(3)
BUS 170	Real Estate	(3)
BUS 175	Principles of Salesmanship	(3)
BUS 184	Organizational Behavior	(3)
BUS 192	Business Policy and Ethics	(3)

Recommendations:

RST 17	Education for Justice	(3)
SOC 5	Sociological Perspectives	(3)

MTH 3A is highly recommended for any business major who intends to enter a master of business administration program.

Total Units in Business: 45

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Business

Real Estate Emphasis***Preparation:***

BUS 4	Women in Management: An Introduction to American Business	(3)
BUS 5	Business Law	(3)
BUS 15	Accounting I	(3)
BUS 16	Accounting II	(3)
BUS 85	Business Management	(3)
ECO 1	Microeconomics	(3)
ECO 2	Macroeconomics	(3)
MTH 9	Introduction to Computer Processes	(3)
MTH 38	Elements of Probability and Statistics	(3)
PSY 1	General Psychology	(3)
SPE 10	Public Speaking	(3)
SPR 18	Career Planning	(1)

Requirements:

Ten upper division business courses including:

BUS 123	Business Management	(3)
BUS 160	Marketing	(3)
BUS 161	Advertising	(3)
BUS 170	Real Estate	(3)
BUS 171	Real Estate Law and Management	(3)
BUS 172	Real Estate Finance	(3)
BUS 173	Real Estate Investment	(3)

BUS 175	Principles of Salesmanship	(3)
BUS 192	Business Policy and Ethics	(3)

Recommendations:

RST 17	Education for Justice	(3)
SOC 5	Sociological Perspectives	(3)

MTH 3A is highly recommended for any business major who intends to enter a master of business administration program.

Total Units in Business: 45

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in Business

A minimum of 21 units selected from person business offerings. Students interested in a business minor should arrange their total programs with the department chairperson. Because of the variety of careers to which a business program may lead, the choice of courses is flexible.

BUS 3 Accounting Concepts	(3)	toward the baccalaureate degree. <i>Prerequisite: completion of or concurrent enrollment in a typing class.</i>
An introduction to the processes of recording, sorting and summarizing data resulting from business transactions and events, including derivation and use of balance sheets, income statements, special journals and ledgers, and end-of-cycle procedures.		

BUS 4 Women in Management: An Introduction to American Business	(3)	BUS 15 Accounting I: Financial	(3)
A general survey of the principles of accounting, marketing, finance, management, and government policies as they apply to modern American business.		Detailed analysis of business transactions, accounting for corporate activity, asset and liability valuation, stock and bond transactions, reporting net income, assets, liabilities, earnings per share, and stockholders' equity, statement of changes in financial position and a brief introduction to income tax.	

BUS 5 Business Law	(3)	BUS 16 Accounting II: Managerial	(3)
An introduction to the development of legal principles for business activity, as found in common law, statutory laws, and the Uniform Commercial Code. Use of case studies for practical applications.		The fundamentals of managerial decision making based on incremental cost behavior analysis, nature of fixed and variable costs, cost-volume-profit analysis, budgeting and the use of budgets, measuring and interpreting cost variance, product costing, common cost allocation and other managerial decision making topics. <i>Prerequisite: BUS 15</i>	

BUS 9 Introduction to Computer Processes	(3)	BUS 17 Payroll Accounting	(3)
See MTH 9.		Complete coverage of payroll accounting procedures, methods and law. Course to cover the requirements of the Federal Fair Labor Standards Act, F.I.C.A., O.A.S.D.I., Federal and State unemployment compensation taxes, Federal and State income tax withholding, other payroll deductions, payroll procedures, wage payment reports to employees, automated accounting procedures with payroll applications. <i>Prerequisites: BUS 3, 15.</i>	

BUS 14 Business/Intermediate Shorthand	(3)
Five hours lecture per week. An introduction to or review of the Gregg system of shorthand, including reading and writing practice, learning and reviewing shorthand brief forms and phrases, dictation on practised and new material, introduction to transcription at the typewriter. Credit for BUS 14 may not be applied	

BUS 20 Office Administration (3)

Planning and executing projects related to office administration; use of judgment, initiative, and creativity in solving problems encountered in business offices; learning to assemble data for executive decisions; creative thinking and proper attitudes in interpersonal relations.

legal office routines and procedures; along with the preparation, dictation, and typing of civil, family, and criminal law papers. *Prerequisite: Typing speed of at least 45 words per minute.*

BUS 21 Business Communications (3)

Mechanics and techniques of effective business writing; theory of and practice in composing various types of business letters and reports, with emphasis on the human relations aspect; handling

BUS 29 Legal Secretarial Procedures II (3)

An advanced legal procedures course offering specific training in the preparation and filing of probate proceedings, closing the estate, landlord and tenant agreements, and corporations. *Prerequisite: Typing speed of at least 45 words per minute; BUS 27 recommended.*

BUS 22AB Advanced Typewriting (2, 2)

Refining speed and accuracy rates; advanced office production problems; statistical typewriting; manuscripts; special emphasis on business forms. *Prerequisites: 22A — Typing speed of 35 words per minute with acceptable accuracy; 22B — Typing speed of 45 words per minute with acceptable accuracy.* Credit for BUS 22AB may not be applied to the baccalaureate degree.

BUS 40 Fundamentals of Fashion: Construction (3)

Laboratory experience in basic garment construction. Individualized instruction in fitting and assembling apparel.

BUS 23 Mathematics for Business (3)

Fundamentals of mathematics as applied to business: percentage, discount, interest, tax, commission, mark-up, insurance, etc.

BUS 41 Fundamentals of Fashion: Materials (3)

A study of the fibers, construction processes, and finishes used in developing modern fabrics. Includes characteristics of individual fabrics and principles of use and care.

BUS 24AB Shorthand Transcription (3, 3)

Continued development of speed and accuracy in taking dictation; development of business vocabulary; preparation of mailable transcripts. Credit for BUS 24AB may not be counted toward the baccalaureate degree.

BUS 42 Fashion Analysis (3)

A study of the sociological and psychological functions of fashion and the application of design principles to clothing and accessories. Includes individual figure and color analysis for application to personal wardrobe. *Prerequisite: Art 2 or consent of instructor.*

BUS 25 Machine Transcription (2)

Instruction in the operation of various kinds of transcribing equipment. Emphasis on speed and accuracy in transcribing mailable letters and forms. Credit for BUS 25 may not be counted toward the baccalaureate degree.

BUS 43 The Fashion Industry (3)

A study of the evolution of fashion from designer to retailer, including the forces behind trends and the terminology and processes of the industry. Should be taken in preparation for the internship in fashion merchandising.

BUS 26 Adding and Calculating Machines (1)

Instruction in the operation of ten-key adding machines and of rotary, printing, and electronic calculators. Emphasis on using machines as an aid to solving the variety of mathematical problems encountered in business. Credit for BUS 26 may not be counted toward the baccalaureate degree.

BUS 85 Business Management (3)

Introduction to principles of organization, decision making and control; analysis of line and staff structures, production and quality standards, responsibility and business-community relationship. Use of case studies and experiences in the field. *Prerequisite: BUS 4, PSY 1.*

BUS 27 Legal Secretarial Procedures I (3)

This course is designed for students who plan to pursue legal secretarial careers. It offers specialized training in legal phraseology, spelling,

BUS 90 Business Internship (3)

Work experience in a business firm or legal office. Students increase their knowledge and understanding of business and professional fields by analyzing and evaluating their experiences at seminar sessions with fellow students and the faculty coordinator. A text on interper-

sonal relations is used at the seminars, and a personal and performance evaluation by the employer is an important facet of the course.

BUS 92 Introduction to Business Ethics (3)
A study of the goals and means of business activities, with special emphasis upon the following: societal values, ethical decision-making in the conduct of business, social responsibility of business, equality of opportunity, and the ethics of advertising, including analysis of case studies in light of ethical theories. *Limited to non-health care majors.* See PHI 92.

BUS 123 Mathematical Analysis for the Business Student (3)

Topics in Algebra including solutions of systems of equations and inequalities; exponential and logarithmic functions; linear programming and mathematics of finance. Emphasis is placed on the application of mathematics to problems in business.

BUS 130 Business Finance (3)

A study of the forms and sources of financing business firms; techniques of raising funds, appraising risks, allocating and controlling capital, and evaluating performance. *Prerequisites: BUS 15, ECO 2, MTH 38.*

BUS 133 Government and Business (3)

The spectrum of government influence on and control of business; the regulation of competition and monopoly, the protection of consumers, and the control of environment and quality of life.

BUS 137 Intermediate Managerial Accounting I (3)

Accounting theory and practice relating to problems of asset valuation and classification in accounts and statements. Theory and practice relating to problems of valuation and classification of liabilities and stockholders equity. *Prerequisites: BUS 15, 16.*

BUS 138 Intermediate Managerial Accounting II (3)

Inventory control theory, valuation methods and systems, capital budgeting alternatives, debt management and cash flow. *Prerequisites: BUS 15, 16, 137.*

BUS 153 Computer Programming (3)

Computer system fundamentals, flowcharting, programming in Fortran and Basic; file organization and maintenance; programming; graphics and techniques; de-bugging programs. *Prerequisite: MTH 9.*

BUS 154 Cost Accounting (3)

Budgeting responsibility accounting; inventory planning; performance measurement; costing methods; job order and standard costs; direct vs. full costing; cost allocation; cost-volume profit analysis; analytic cost reports. *Prerequisites: BUS 15, 16.*

BUS 155 Systems Design and Analysis (3)

Basis techniques for design of information systems; computer hardware and software needed in computer-based systems; information determination, need evaluation, presentation, and analysis. See MTH 133. *Prerequisite: BUS 153.*

BUS 157 Personnel (3)

Principles relating to administration of an employee-benefits system. Techniques of job-applicant screening; job-performance evaluation; firings vs. lay-offs vs. transfers. Elements of psychology in production and employee relations.

BUS 160 Marketing (3)

Basic marketing institutions, practices and legislation; the subjects of merchandising, wholesaling, distribution channels, pricing, advertising, and marketing research. Practical applications enhanced through case studies and experiences in the field.

BUS 161 Advertising (3)

This course examines the major problems of modern advertising and promotion. Among these are the social and economic role of advertising; controls over advertising; planning the campaign; the role of research; the media strategy and coordination with other elements of the marketing communication mix. *Prerequisite: BUS 160.*

BUS 162 Retailing (3)

Principles of retailing applied to the problems of organization and operation of retail establishments. The business aspects of buying, stock planning, inventory control, markup, stock accounting and pricing. Special problems of retail management will be discussed including departmentalization, personnel control, supervisory training, store layout and store location. *Prerequisite: BUS 160.*

BUS 170 Real Estate (3)

Introduction to economics of land ownership and use; fundamentals of ownership; financing; appraisal; management and transfer of residential and other real property. *Prerequisite: ECO 2.*

BUS 171 Real Estate Law and Management (3)

Business and legal aspects. Estates in land, purchase and sales contract, conveyances, mortgage and trust deed transactions, property taxes, landlord and tenant, wills and inheritance. *Prerequisite: BUS 5.*

BUS 172 Real Estate Finance (3)

Functions and practices of various real estate financing institutions. Embraces mortgage lending, servicing, and mortgage banking relative to all types and uses of real estate. *Prerequisite: BUS 170.*

BUS 173 Real Estate Investment (3)

Emphasizes problems and methodology for making the real estate investment decision. Includes real estate versus other investments; real estate user and investor requirements; decision models; tax factors and syndication.

BUS 175 Principles of Salesmanship (3)

A study of the sales function and its relationship to the over-all marketing program. Topics considered include setting sales objectives, formulation of sales strategy, development of a sales organization, selecting and working with distributors and dealers, measurement of salesmen's performance, evaluation of sales management performance, control of sales operations, and integration of sales and other marketing activities. *Prerequisite: BUS 160.*

BUS 181 Behavioral Science in Management (3)

A study at both the analytical and experiential level of the interpersonal phenomena which affect managerial behavior. Students learn to increase their behavioral flexibility as well as their social sensitivity to the people-oriented problems in the business environment. *Prerequisites: BUS 85, 160.*

BUS 184 Organizational Behavior (3)

Emphasis on the "contingency view" for understanding the "whys" of behavior and the "hows" of increasing effectiveness. (The contingency view contends there is no way of managing all situations.) The student will develop conceptual skills involved in: 1) diagnosing the human problems in management; 2) recognizing the situation and how it relates to the organization as a whole as well as to the external environment; 3) understanding how the individual's actions and actions of the parts of the organization are interdependent and im-

pact one another; 4) knowing how and when to use models for managing organizational problems. *Prerequisites: BUS 4, 85; PSY 1.*

BUS 186 Tax Accounting (3)

Statutes, regulations, administrative rulings, and court decisions relating to federal and California income taxes. Audit procedures; partnership and corporate tax returns. *Prerequisites: BUS 15, 16, 137.*

BUS 187 Management of a Data-Based System (3)

Planning and development of an integrated management information system: data base design; data management systems; operating systems, standards, and documentation; data security; performance evaluations; monitoring, hardware, and economics of a data-based system; problems of conversions. *Prerequisite: MTH 9.*

BUS 188 Auditing (3)

Audit functions of the CPA. Nature of audit evidence, audit procedures, audit work papers, audit reports, evaluation of internal controls and internal auditing, statistical sampling in auditing; problems of auditing computer-based accounting records. *Prerequisites: BUS 15, 16.*

BUS 189 International Management and National Policies (3)

Application of modern management theory to the administration of international business. The course will study the impact of multigovernmental policies upon the management of international enterprises. *Prerequisite: BUS 85.*

BUS 190 Business Internship (3)

Qualified seniors majoring in Business may receive supervised, on-the-job training related to their major. The student is responsible for setting up the internship, which must be approved by the department chairperson.

BUS 191 International Internship (1-6)

An intensive work study program with an international corporation at either its American or foreign locations. The program provides diversified management-level practice in the routine administration of foreign businesses.

BUS 192 Business Policy and Ethics (3)

A study of social justice relative to business practices regarding strategy formulation, profitability, competition, advertising, production, customer relations. Extensive use of case studies. *Prerequisite: Junior/Senior level standing.*

BUS 193 Selected Problems (3)
Course, independent study, seminar, or directed readings in current issues and policies.

nomic and cultural environments, multi-national competition, and integration of physical distribution into the marketing systems. *Prerequisite: BUS 160.*

BUS 195 International Markets and Transportation Management (3)

Changing international marketing conditions will be studied in conjunction with the special problems concerning international transportation. Topics will include foreign market surveys, trade promotion, political, legal, eco-

BUS 197 Independent Study (1-3)
Course, independent study, or directed readings on a topic of interest to the student. *Prerequisite: Senior standing; consent of faculty sponsor and approval of department chairman.*

CHEMISTRY

Departmental Affiliation: Physical Science and Math

A student majoring in chemistry receives a comprehensive view of the principles of this science and participates in personalized laboratory instruction and individual research.

The chemistry major is excellent preparation for all health science careers, education, scientific writing, and careers in food, petroleum, and textiles.

The minimal major in chemistry, leading to a B.A. degree, is designed for those interested in secondary science teaching, chemical technology, and other broadly-based careers requiring a science background.

The bachelor of science degree in chemistry or biochemistry is recommended for those who wish to pursue graduate or medical studies.

The B.A. Degree with a Major in Chemistry

Preparation:

CHE 1AB	General Chemistry	(4, 4)
CHE 6AB	Organic Chemistry	(4, 4)
MTH 3AB	Mathematical Analysis I	(4, 4)
PHY 1A	Elementary Physics	(3)
PHY 1B	Intermediate Physics	(4)

Requirements:

CHE 107	Biochemistry	(4)
CHE 110AB	Physical Chemistry	(4, 3)

Two additional upper division courses in chemistry

Total units in Chemistry: 33

Total units in mathematics and physics: 15

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.S. Degree with a Major in Chemistry

Preparation:

CHE 1AB	General Chemistry	(4, 4)
CHE 6AB	Organic Chemistry	(4, 4)
MTH 3AB	Mathematical Analysis I	(4, 4)
MTH 4AB	Mathematical Analysis II	(3, 3)
PHY 1A	Elementary Physics	(3)
PHY 1B	Intermediate Physics	(4)

Requirements:

CHE 110AB	Physical Chemistry	(4, 3)
CHE 111	Physical Chemistry Laboratory	(2)
CHE 199	Research	(3)

Four additional upper division courses in Chemistry

Total units in Chemistry: 40

Total units in mathematics and physics: 21

Plus general studies requirements and electives totaling 129 semester units.

The Minor in Chemistry

CHE 1AB	General Chemistry	(4, 4)
CHE 6AB	Organic Chemistry	(4, 4)
CHE 107	Biochemistry	(4)

One additional upper division course in Chemistry

Total units in Chemistry: 24

CHE 1A General Chemistry (4)
 Lecture, three hours; laboratory, four hours.
 Lecture: atomic theory, atomic structure and the periodic table; molecular structure and bonding, introductory organic chemistry; structure and properties of solids, liquids, and gases; kinetic theory and colligative properties. Laboratory: use of the analytical balance and volumetric equipment; stoichiometry; molecular and equivalent weights. *Prerequisites: high school chemistry or PHS 1; three years of high school mathematics or MTH 1AB.*

CHE 2 The Chemistry of Life (3)
 Lecture, three hours. An introductory course in organic and biochemistry. This course is designed to fulfill the science requirement for the health-related major. *Prerequisite: PHS 1 or a college chemistry course.*

CHE 6A Organic Chemistry (4)
 Lecture, 3 hours, laboratory, four hours. Nomenclature and simple reactions of hydrocarbons; organic derivatives of water ammonia and halogen acids; reaction mechanisms. Laboratory: methods of separation purification, and identification; introduction to synthesis. *Prerequisite: CHE 1B.*

CHE 1B General Chemistry (4)
 Lecture, three hours; laboratory, four hours.
 Lecture: chemical reactions, equilibria, kinetics, oxidation-reduction. Metals, non-metals, metalloids, radioactivity, thermodynamics and electrochemistry. Laboratory: quantitative analysis using gravimetric and titrimetric techniques. *Prerequisite: CHE 1A.*

CHE 6B Organic Chemistry (4)
 Lecture, 3 hours, laboratory, four hours. Continuation of Chemistry 6A. Carbonyl compounds; aromatic compounds; stereochemistry; continuation of reaction mechanisms; introduction to chemistry of proteins, carbohydrates, lipids, and nucleic acids.

Laboratory: Synthesis and reactions of typical organic compounds; introduction to biochemical methods of analysis. *Prerequisite:* CHE 6A.

ical kinetics; transport processes; viscosity, conductance, diffusion. *Prerequisite:* CHE 110A.

CHE 104 Qualitative Organic Analysis (3)

Lecture, one hour; laboratory, eight hours. Microtechniques, separation of mixtures, derivatives, identification of unknown organic compounds, spectroscopic methods. *Prerequisites:* CHE 6AB.

CHE 111 Physical Chemistry Laboratory (2)

Laboratory, six hours. Chemical and phase equilibria, electrochemistry, kinetics and transport processes, conductance, diffusion. *Prerequisite:* CHE 110A.

CHE 107 Biochemistry (4)

Lecture 3 hours; laboratory 4 hours. Enzyme kinetics; bioenergetics; metabolic pathways and control mechanisms; biochemical genetics. *Prerequisite:* CHE 6B.

CHE 120 Instrumental Methods of Analysis (3)

Lecture, one hour; laboratory, eight hours. Theory and applications of modern instrumental methods including gas chromatography, radiochemistry, various spectroscopic methods and selected electrochemical methods. *Prerequisite:* CHE 1AB.

CHE 110A Physical Chemistry: Thermodynamics (4)

Lecture and quiz, four hours. Laws of thermodynamics and chemical equilibria and cell emf. Introduction of computer programming to the analysis of chemical problems. *Prerequisites:* CHE 1AB, MTH 3AB, PHY 1AB.

CHE 190 Advanced Inorganic Chemistry (3)

Lecture, three hours. Chemistry of inorganic systems with emphasis on reaction mechanisms, complexes, bonding and periodic relationships. *Prerequisite:* CHE 110AB.

CHE 197/297 Seminar (1-3)

CHE 199/299 Research in Chemistry (1-3)
Research problems to be arranged with individual faculty members. *Prerequisite:* Consent of chemistry staff.

CHILD DEVELOPMENT

Departmental Affiliation: Psychology and Sociology

This interdisciplinary major provides a broad base for understanding young children as individuals and as members of society. It is recommended primarily for persons who will be working with preschool children.

The B.A. Degree with a Major in Child Development

Preparation:

PSY 1	General Psychology	(3)
SOC 5	Sociological Perspectives	(3)

Requirements:

Eleven upper division courses from the fields of psychology and sociology with a minimum of five and a maximum of seven from each area including:

CST 109	Maternal and Child Nutrition	(3)
PSY 12	Developmental Psychology	(3)

PSY 132	Personality	(3)
SOC 161	Dynamics of Majority-Minority Relations	(3)
SOC 175	Urban Sociology	(3)

Recommendations:

ART 145	Creative Art Experience for Young Children	(3)
ENG 134	Children's Literature	(3)
MUS 31	Music and Movement for the Young Child	(3)

Majors must maintain a grade of C or higher in all major courses.

Total units in major areas: 39

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

All courses are described in the respective department listings.

CONSUMER STUDIES

Departmental Affiliation: Business

CST 3 Food and You (3)

An introductory study of economic, nutritional, palatability, chemical and sanitary dimensions of food; meal planning and preparation techniques; use of various appliances. Laboratory included.

quirements of the body throughout the life cycle; cultural, economic, psychological and social influences on food habits; the food environment; diet counseling; introduction to nutritional therapy in various diseases and limited use of Roy adaptation model. *Prerequisite: knowledge of basic chemistry and human physiology.*

CST 9 Maternal and Child Nutrition (3)

A study of the nutritional needs of the body in relation to a variety of cultural, economic, psychological and social factors; controls for safety and nutritive value of food supply; nutrition education techniques and services; limited integration of diet therapy; students teach two nutrition lessons to preschool children.

CST 110 Human Nutrition (3)

A study of the principles of nutrition and their application with emphasis on nutritional requirements of the body throughout the life cycle; cultural, economic, psychological and social influences on food habits; food selection, meal planning, controls for safety and nutritive value of food supply; nutrition education and services in the community; use of case studies and the Roy adaptation model in therapeutic nutrition. *Prerequisite: knowledge of basic chemistry and human physiology.*

CST 109 Maternal and Child Nutrition (3)

A study of the nutritional needs of the body in relation to a variety of cultural, economic, psychological and social factors; controls for safety and nutritive value of food supply; nutrition education techniques and services; limited integration of diet therapy; a major project is required.

***CST 91 Directed Readings in Food/Nutrition (1-3)**

May be repeated for credit.

CST 10 Human Nutrition (3)

A study of the principles of nutrition and their application with emphasis on nutritional re-

CST 199 Independent Study (1-3)

Research on topic(s) of particular interest. *Prerequisite: consent of faculty member. May be repeated for credit.*

ECONOMICS

Departmental Affiliation: Business

ECO 1 Microeconomics (3)	ECO 131 Public Finance (3)
An exploration of the economic affairs of the individual and the individual business firm. This course introduces the law of supply and demand and economic analysis of individual markets such as labor or international trade.	Income and expenditure of federal, state, and local governments; theories of tax incidence; nature and implications of the public debt; fiscal policy; and inter-governmental fiscal relations.
ECO 2 Macroeconomics (3)	ECO 135 Money and Banking (3)
An introductory analysis of the aggregate economic system. This course discusses methods of recording and determining gross national product, national income, and employment and participation rates.	The nature and functions of money and credit, the banking system, monetary policy in the domestic and international economics.
*ECO 44 Personal Finance (3)	ECO 150 Labor Economics (3)
Emphasis on the principles underlying financial security and investment planning; the study of credit institutions, the stock market, and home buying through special projects and experiences in the field.	The evolution of trade union organization in the United States and labor legislation affecting it; an economic analysis of wage determination and its effect on employment; union-management relations in the collective bargaining process.
ECO 107 Political Economics (3)	ECO 175 Urban Sociology (3)
A brief survey of the history of economic and governmental relations. In-depth analysis of the current relationship between the economy and government. Fulfills CPE requirement. See POL 107.	See SOC 175.
ECO 113 Economic History of the United States (3)	ECO 193/293 Selected Problems (1-3)
A study of the economic development of the United States, agriculture, industry, labor, commerce, finance, and transportation.	Courses, workshops, seminars, or directed readings. May be repeated for credit.
	ECO 195 International Economics (3)
	The general principles of international relations and trade; the problems of developing countries and theories of growth and development; progress toward economic integration and cooperation in Europe, Latin America and Africa. <i>Prerequisite: ECO 1, 2.</i>

DIVERSIFIED MAJOR

Multiple Subject Credential: Elementary

The diversified major is designed for the student qualifying for the Multiple Subject Credential to teach in the elementary school.

See listing under Education.

EDUCATION

The Department of Education offers three degree programs with the following specializations:

Associate Degree

Preschool Teaching Program

Baccalaureate Degree

Elementary Teaching: Diversified Major

Secondary Teaching: Single Subject Credential (Art, Biological Sciences, English, Foreign Languages, Government, History, Mathematics, Music, Physical Science, and Social Science)

Master's Degree (or Specialist/Services Credential)

Administrative Services

Bilingual/Cross-cultural Studies

Counseling:

Pupil Personnel Services

Marriage, Family, and Child Counseling

Human Services

Early Childhood Education

Special Education (Learning Handicapped)

Individually Designed Programs

ASSOCIATE DEGREE

The Preschool Teaching Program

The Associate Degree Program with a specialization in Preschool Teaching is designed for the student who wishes to enter the field of preschool teaching directly upon graduation. At the completion of the two-year program, the student is qualified to teach in a children's center (pre-kindergarten) or to transfer to a four-year program to complete a Bachelor of Arts degree in Child Development, or to complete the requirements for a Bachelor of Arts degree with a diversified major and the preliminary Multi-Subject Teaching Credential.

The two-year program at the Doheny Campus fulfills coursework and field work requirements for a Regular Children's Center Instructional Permit. These requirements as established by the Commission for Teacher Preparation and Licensing of the State of California are the following:

- 1) Twenty-four semester units of coursework in early childhood education/child development, exclusive of field work. (These courses are indicated by ** in the program below.)
- 2) Sixteen semester units of coursework in general education including at least one course in each of the following areas: Humanities, Social Sciences, Math and Science, and English.
- 3) A supervised field work course from an accredited institution (EDU 39) plus one year of experience in an instructional capacity in a child development program. (The Program Director on the Doheny Campus makes recommendations for completing this experience with the two-year program.)

This permit is issued for five years and is renewable for successive five-year periods. An Instructional Permit authorizes the holder to perform service in the care, development, and instruction of children in a child development program.

Specific Program Requirements

The student must complete all Early Childhood courses (** in the listing below) with a grade of C. A grade of C must also be achieved in ENG 10AB (Written and Oral Communication).

Because of a demand in Southern California for preschool teachers who can demonstrate speaking and writing ability in the Spanish language, a bilingual option is possible for students in the program. This option is strongly recommended.

Students in the Preschool Teaching Specialization must be able to establish rapport with very young children and their families. They must be able to create an environment where children can discover themselves; to do this, they need broad knowledge of children's physical, social/emotional and cognitive development. Coursework, including observation, participation, and supervised teaching of children, is designed to enable students to demonstrate expertise in these areas within the two-year period.

The A.A. Degree with a Specialization in Preschool Teaching

Freshman Year

Fall Semester

ENG 10A	Written and Oral Communication	(3)
PSY 1	General Psychology	(3)
*EDU 31	Intro. to Early Childhood Education	(3)
*PSY 13	Early Child Development	(3)
SPR 80	Group Experience	(1)
SPA	(Option: Course in Spanish)	(3)

Interterm

Religious Studies course	
OR	
Course in Spanish	(3)

Spring Semester

ENG 10B	Written and Oral Communication	(3)
*EDU 32	Observation and Participation in Preschool Programs	(3)
*Eng 34	Preschool Literature	(3)
—	Science course	(3)
—	Elective or (Option: Course in Spanish)	(3)

Sophomore Year

Fall Semester

*EDU 34	Language and Concept Development of the Young Child	(3)
*EDU 70	Intro. to Children with Special Needs	(3)
*MUS 31	Music and Movement for the Young Child	(3)
*ART 45	Creative Art Experience for the Young Child	(3)
SOC 5	Sociological Perspectives OR (Option: Course in Spanish)	(3)

Interterm

Elective	
OR	
Religious Studies OR Sociological Perspectives	(3)

Spring Semester

SOC 4	The Family	(3)
—	Humanities course	(3)
—	Elective OR (Option: Course in Spanish) OR Religious Studies course OR Sociological Perspectives	(3)
EDU 39	Supervised Practicum: Preschool	(4)

**Early Childhood Education/Child Development coursework

Recommended Electives:

Course in U.S./American History

Course in philosophy

For students transferring to a four-year program, courses to fulfill Mount St. Mary's College bachelors program general studies requirements are recommended.

BACCALAUREATE DEGREE

The Department of Education is accredited to recommend students for California Teaching Credentials in both the Multiple Subject (elementary teaching) and the Single Subject (secondary teaching). Either of these credentials may be obtained in a four-year baccalaureate degree program. When the student has completed the Diversified or Single Subject major, the professional courses, including supervised teaching, and any other requirements of the college for the baccalaureate degree, a Preliminary Credential can be obtained.

The Preliminary Credential is valid for five years. Within these five years, a fifth year of approximately thirty semester hours must be completed to qualify to the California Clear Credential.

The fifth year program to fulfill these requirements is defined at Mount St. Mary's College as an approved program of approximately thirty semester hours of postbaccalaureate work.

The fifth year of study may be used to complete a Master's Degree in a particular subject, or to qualify for the:

1. Administrative Services Credential
2. Bilingual/Cross-Cultural Specialist Credential
3. Early Childhood Specialist Instructional Credential
4. Pupil Personnel Services Credential
5. Special Education Specialist Credential (Learning Handicapped)

Admission to the Program

Students wishing to enter the baccalaureate teacher education program should make application in writing no later than the beginning of the first semester of the sophomore year.

A screening committee made up of members of the Department of Education will review the data submitted by the student. The information should give evidence of the following:

1. Completion of the application form for the teacher preparation program, with statements affirming the moral character of the student.

2. A pattern of academic competence — a minimum GPA of 2.5 for multiple subject majors and 2.75 for single subject majors — documented by transcripts.
3. Good health sufficient for teaching. The health appraisal form from the Student Health Services will affirm this.
4. Competence in oral reading and speech. Examinations will be given by the English and Education Departments.
5. Completed recommendation forms from three faculty members evaluating the student's suitability for teaching.
6. At least twelfth grade mastery of the basic skills of reading, grammar, spelling, mathematics, and study skills. Comprehensive Tests of Basic Skills will be administered in October each year.
7. Interview by at least two members of the Education Department to determine professional aptitude, goal-intent, and personal qualifications.
8. Prior experience with children and youth groups through volunteer tutorial programs or community action courses for credit and monitored experiences in required courses: SOC 5, Sociological Perspectives, ENG 134, Children's Literature, EDU 101, Perspectives in Education.

Admission to the program does not guarantee that a credential will be granted. The Committee on Admissions reserves the right to eliminate any candidate when it becomes evident that he/she does not meet the stated requirements.

Options to Meet Equivalence for Supervised Teaching

Option I

Designed for teachers with two years of full-time appropriate teaching experience.

Required:

- A. Two years of previous full-time successful teaching experience appropriate to the credential-goal.
- B. Evaluations, using Mount St. Mary's College instruments, by the principal and/or chairperson attesting to the last two years of full-time successful teaching.
- C. Supervised Teaching during summer session under direct supervision of college personnel in a college selected placement site.
- D. A weekly seminar during Supervised Teaching is required.

Procedure for petitioning equivalency through Option I:

- A. Submit completed equivalency form for six units of Supervised Teaching (EDU 116B or 126B) with evaluations and verification of two years of full-time successful classroom teaching appropriate to the director of student teaching for departmental approval.
- B. Make an appointment for a conference with the director of student teaching at least one semester prior to the anticipated summer session of student teaching. Upon approval register for EDU 116C or 126C, six units.

Option II

Designed for teachers with four or more years of full-time appropriate teaching experience.

Required:

- A. Four years of previous full-time teaching experience appropriate to the credential-goal.
- B. Evaluations, using Mount St. Mary's College instruments, by the (1) principal and (2) supervisor or chairperson for the last two years of full-time teaching.
- C. Candidate is observed and evaluated by the director of student teaching during a semester in the candidate's classroom. The school principal and/or chairperson will be involved in the evaluation of the candidate's competency, six units.
- D. Monthly seminars are required.

Procedure for petitioning equivalency through Option II.

- A. Submit completed equivalency form for six units of supervised teaching (EDU 116B or 126B) with evaluations and verification of four years of full time successful classroom teaching appropriate to the credential-goal to the director of students teaching for departmental approval.
- B. Make an appointment for a conference with the director of student teaching at least one semester prior to the anticipated semester of observation. Upon approval register for EDU 116C or 126C, six units.

ELEMENTARY TEACHING: THE MULTIPLE SUBJECTS CREDENTIAL THE DIVERSIFIED MAJOR

The Multiple Subject Credential candidate must fulfill the California requirement of either passing a subject matter examination or completing the college-approved program for the diversified major. The diversified major is designed for students seeking the multiple subjects credential authorizing them to teach in California Elementary Schools.

The B.A. Degree with a Diversified Major

Elementary Teaching Credential General Requirements: Eighty-four units in four areas of concentration with an average of 21 units in each area. Only one area may include as few as 18 units.

Area I — English and Speech

Requirements:

ENG 1AB	College Writing	(2, 2)
ENG 105	Advanced Composition	(3)
ENG 134	Children's Literature	(3)
	One upper division course in American Literature	(3)
	One elective course in English	(3)
	One course in Speech	(3)
	One course in Linguistics	(3)

Area II — Mathematics and Science**Requirements:**

BIO 1A	Biological Dynamics	(4)
BIO 1B	Biological Dynamics	(4)
BIO 10	Health Science	(3)

One elective course from the following:

BIO 3	General Microbiology	(4)
BIO 165	Marine Biology	(3)
BIO 167	Field Biology	(3)

Mathematics

MTH 10	Mathematical Ideas	(3)
MTH 50	Modern Math	(3)
MTH 51	Modern Geometry	(3)

Physical Science

PHS 1	Scientific Concepts	(3)
PHS 4	Elementary Environmental Studies	(3)
	One elective course in biology or physical science	(3)

Area III — Social Sciences**Requirements:****History**

HIS 176	The American Democratic Republic	(3)
OR		
HIS 175	U.S., The Twentieth Century	(3)

Political Science

POL 170	American Party Politics	(3)
	One elective course from economics, history, or political science	

Psychology

PSY 1	General Psychology	(3)
PSY 113	Child Development and the Learning Process	(3)

Recommendations:

PSY 132	Personality	(3)
PSY 135	Group Dynamics	(3)
PSY 145	Social Psychology	(3)

Sociology

SOC 5	Sociological Perspectives	(3)
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One course from the following:

SOC 104	The Family	(3)
SOC 161	Dynamics of Majority-Minority Relations	(3)
SOC 175	Urban Sociology	(3)

Area IV — Humanities, Fine Arts, Foreign Languages***Requirements:***

ART 145	Creative Art Experience	(3)
MUS 130	Creative Music Experience	(3)
	Three courses in philosophy	(9)
	One to three courses in foreign language	(3-9)

In addition, 12 units in education and 12 units in student teaching are required.

EDU 101	Perspectives in Education	(1)
EDU 114	Introduction to Exceptional Children: Diagnosis, Prescription, Remediation	(2)
EDU 115A	Communication: Elementary Curriculum	(2)
EDU 115B	Mathematics: Elementary	(2)
EDU 115C	Reading: Elementary	(2)
EDU 115D	Science and Social Studies: Elementary Curriculum	(3)
EDU 116A	Supervised Teaching: Elementary	(12)

Total units in four areas: 84

Students who are considering this major should consult with the Education Department as early as possible to obtain individual advisement. Upon petition to the program adviser, appropriate equivalent courses may be substituted for specified Diversified Major requirements. For graduation, 129 units are required, including foreign language requirement.

SECONDARY TEACHING: THE SINGLE SUBJECT CREDENTIAL

For the Single Subject credential candidates must complete an approved major for which Mount St. Mary's College maintains an approved waiver program. Currently the following major subject programs at the college are approved Single Subject Waiver programs: Art, Biological Sciences, English, Foreign Languages, Government, History, Mathematics, Music, Physical Science, and Social Science. Candidates who have not completed an approved major may qualify by achieving a passing score on the relevant subject area test of the National Teachers Exam.

In addition, candidates must complete the prescribed 24 units of professional education courses listed below. Students in the Education Department fulfill the state requirements in American History and Institutions for all credentials by satisfying the college Contemporary Political Experience (CPE) requirement.

Requirements:

EDU 101	Perspectives in Education	(1)
EDU 124	Introduction to Special Education: Diagnosis and Prescription	(2)
EDU 125A	Secondary Curriculum	(2)
EDU 125B	Emerging Trends in Education	(2)
EDU 125C	Reading: Secondary Curriculum	(3)
EDU 125D	Secondary Methods	(2)
EDU 126ABC	Supervised Teaching: Secondary	(6-12)

GRADUATE CREDENTIAL PROGRAMS

The Department of Education is accredited to recommend students for California Teaching Credentials in both the Multiple Subject (elementary teaching) and Single Subject (secondary teaching). Either of these credentials may be obtained in a four-year baccalaureate degree program. When the student has completed the diversified or single subject major, the professional courses, including supervised teaching, and any other requirements of the college for the baccalaureate degree, a Preliminary Credential can be obtained. See Teacher Education Programs. The initially issued Preliminary Credential is valid for five years. Within these five years, a fifth year of approximately 30 semester hours is required for a clear credential. This fifth year of study may be used to complete a master's degree in a subject matter area or to qualify for a Services or Specialist Credential.

Admission to Credential Status

Admission requirements and procedures for services and specialists credential programs are the same as those for master's programs (See Graduate Admissions Section). Candidates for postbaccalaureate basic teaching credential programs apply directly to the Department of Education for admission.

Credential Program Equivalency

Candidates who have had previous courses/experiences which are equivalent to the Mount St. Mary's College requirements for Services and Specialist Credentials may petition through the credential program adviser to have such courses/experiences accepted in lieu of the prescribed coursework. It is the candidate's responsibility to obtain, complete and submit the required petition forms and supporting documents to the credential program adviser. The credential program adviser makes a recommendation in consultation with the individual who is responsible for the course for which the candidate is seeking equivalency. The Department Chairperson reviews this recommendation. No grades or units are indicated on the candidate's transcript as a result of this process. However, completion of the equivalency is indicated in the candidate's advising folder. Generally no more than one half of the credential requirements may be fulfilled in this manner to qualify for the Mount St. Mary's College institutional recommendation for the credential.

Mount St. Mary's College offers the following credential programs, approved by the Commission for Teacher Preparation and Licensing. (See Application Procedures for Graduate Programs, p. 58).

The Postbaccalaureate Basic Teaching Credential Program

Individuals who hold bachelor's degrees from accredited institutions may study at Mount St. Mary's college to earn either the elementary (Multiple Subjects) or the secondary (Single Subject) California Ryan basic teaching credentials.

Prerequisites for admission:

Completion of departmental application form

Two letters of recommendation

A bachelor's degree from an accredited institution

A GPA of 2.50 (on a 4.0 scale)

Good character and health

For the **Multiple Subjects credential**, candidates must have completed or complete the Diversified Major or its equivalent as outlined in the Mount St. Mary's College Catalog under Diversified Major. Candidates who have not completed the diversified major may qualify by passing all three sections of the National Teacher's "Commons" Examination. In addition candidates must complete the prescribed 24 units of professional education courses as listed below.

EDU 101	Perspectives in Education	(1)
EDU 114	Introduction to Special Education: Diagnosis and Prescription	(2)
EDU 115A	Communication: Elementary Curriculum	(2)
EDU 115B	Mathematics: Elementary Curriculum	(2)
EDU 115C	Reading: Elementary Curriculum	(3)
EDU 115D	Science and Social Studies: Elementary Curriculum	(2)
EDU 116ABC	Supervised Teaching: Elementary	(6-12)

For the **Single Subject credential**, candidates must have completed or complete an approved major for which Mount St. Mary's College maintains an approved waiver program. Currently the following major subject programs at Mount St. Mary's College are approved Single Subject Waiver programs: Art, English, Foreign Languages, Government, History, Mathematics, Music, Physical Science, Social Science and Life Science. Candidates who have not completed an approved major may qualify by achieving a passing score on the relevant subject area test of the National Teachers Exam. In addition candidates must complete the prescribed 24 units of professional education courses as listed below.

EDU 101	Perspectives in Education	(1)
EDU 124	Introduction to Special Education: Diagnosis and Prescription	(2)
EDU 125A	Secondary Curriculum	(2)
EDU 125B	Emerging Trends in Education	(2)
EDU 125C	Reading: Secondary Curriculum	(3)
EDU 125D	Secondary Methods	
EDU 126ABC	Supervised Teaching: Secondary	(6-12)

Services Credential: Administration Services (27 Unit Program)*

Prerequisites for admission:

A valid teaching credential or a services credential with a specialization in pupil personnel, health, or librarian services. A minimum of 3 years experience in the area authorized by the credential held by the candidate. GPA 2.50 (on a 4.0 scale).

Requirements:

EDU 205	Development and Evaluation of Curriculum	(3)
EDU 214	Philosophical and Historical Foundations of Education	(3)
EDU 215	Organization of School Systems — Legal and Financial Aspects	(3)
EDU 216	Supervision of Instruction and Programs	(3)
EDU 217	Administration of School and Personnel	(3)
EDU 258	Sociological Aspects of Administrative Leadership	(3)
EDU 263	Laws Relating to Schools and Youth	(3)
EDU 270	Survey of Programs for Children with Exceptional Needs	(3)
EDU 298	Supervised Field Experience — Administration/Supervision	(3)

*33 units to complete both M.S. degree and services credential.

Specialist Credential: Bilingual/Cross-Cultural Studies (27 Unit Program)*

Prerequisites for admission:

A valid teaching credential. GPA 2.50 (on a 4.0 scale).
Screening for Spanish fluency.

Requirements:

EDU 281	Implementing the Bilingual/Cross-Cultural Program	(3)
EDU 282	Professional Practicum for the Bilingual/Cross-Cultural Specialist	(3)
EDU 283	Theories of Language Acquisition and Methods of Instruction	(3)
ENG 200	English Linguistics	(3)
HIS 265A	Latin American Cultures	(3)
HIS 265B	The Spanish-Speaking Peoples of the United States	(3)
SOC 212	Contemporary Social Issues	(3)
SOC 261	Dynamics of Majority/Minority Relations	(3)
SPA 215	Applied Linguistics: Spanish	(3)

*36 units to complete both M.S. degree and specialist credential.

Specialist Credential: Early Childhood Education (30 Unit Program)*

Prerequisites for admission:

A valid teaching credential. GPA 2.50 (on a 4.0 scale).

Requirements:

EDU 231	Introduction to Early Childhood Education	(3)
EDU 232	Cognitive Processes for the Young Child	(3)
EDU 233	Language Experience of the Young Child	(3)
EDU 234	Techniques of Early Identification, Prevention, and Remediation of Learning Problems	(3)
EDU 216	Supervision of Instruction and Programs	(3)
EDU 235A	Social and Scientific Discoveries of the Young Child	(3)
EDU 235B	Creative Expressions of the Young Child	(3)
EDU 238	Seminar: Contemporary Problems in Early Childhood Education	(3)
EDU 239	Professional Practicum for Early Childhood Specialist	(3)
EDU 272	Disturbances in Child Development	(3)

*39 units to complete both M.S. degree and specialist credential.

Specialist Credential: Learning Handicapped (30-Unit Program)*

Prerequisites for admission:

A valid teaching credential. GPA 2.50 (on a 4.0 scale).

Requirements:

EDU 216	Supervision of Instruction and Programs	(3)
EDU 271	Appraisal of Exceptional Children	(3)
EDU 272	Disturbances in Child Development	(3)
EDU 273	Development of Programs for Children with Specific Learning Disabilities	(3)
EDU 274	Counseling and Guidance of Exceptional Children	(3)
EDU 275	Teaching of Language Arts for the Learning Handicapped	(3)
EDU 276	Teaching Math, Science, and Social Studies for the Learning Handicapped	(3)
EDU 277	Language and Speech Disorders	(3)
EDU 278	Supervised Teaching: Learning Handicapped	(3)

*39 units to complete both M.S. degree and specialist credential

**Service Credential:
Pupil Personnel
(36-Unit Program)***

Prerequisites for admission:

A valid teaching credential. GPA 2.50 (on a 4.0 scale).

Requirements:

EDU 202	Psychological Foundations of Growth, Development, and Learning	(3)
EDU 203	Sociological Foundations of Counseling	(3)
EDU 261	Education and Career Planning	(3)
EDU 262	Pupil Personnel Services and Organization	(3)
EDU 263	Laws Relating to Schools, Community, and Youth	(3)
EDU/PSY 269	Field Experience: Counseling	(1-3)
EDU 270	Survey of Programs for Children with Exceptional Needs	(3)
PSY 224	Dynamics of Individual Behavior	(3)
PSY 225	Counseling: Theory and Procedures	(3)
OR		
PSY 274	Counseling and Guidance of Exceptional Children	(3)
PSY 230	Measurements: Theory and Procedures	(3)
PSY 235	Group Dynamics	(3)
SOC 261	Dynamics of Majority/Minority Relations	(3)

*42 units to complete both M.S. degree and services credential.

GRADUATE DEGREE PROGRAMS

Master of Science in Education

Thirty semester hours of graduate course work are required. These include the required core courses plus coursework in one of the following areas of concentration: Administrative Studies; Bilingual/Crosscultural Studies; Early Childhood Education; Counseling; Special Education (Learning Handicapped); Individually Designed Program.

Prerequisites:

A bachelor's degree or its equivalent from an accredited institution.

A 2.50 (on a 4.0 scale) grade point average.

A minimum of 12 upper division units in education.

(Candidates for the M.S. in Ed. with the specialization in counseling may substitute 12 upper division units in psychology or behavioral sciences.)

Requirements:

Nine semester units including

EDU 200	Research Methods (also PSY 200)	(3)
EDU 203	Sociological Foundations of Counseling/ Education (for candidates in the Bi-lingual/	

	Cross-Cultural and Counseling specializations)	(3)
OR		
EDU 214	Philosophical and Historical Foundations of Education in the U.S. Integrating Modern and Emerging Trends (for candidates in the Administrative Services, Early Childhood Education and Special Education specializations)	(3)
EDU 295	Thesis Guidance	(3)
OR		
EDU 296	Master's Seminar	(3)

Thesis

This thesis provides an opportunity for the student to obtain first-hand experience in research methods under competent direction. The thesis should be limited in scope and give evidence of the student's ability to organize knowledge, to analyze critically, and to present the results in a readable and accurate form according to Mount St. Mary's College regulations. A brief description of the topic and of the proposed method of investigation must accompany each topic presented for approval.

The candidate must present his/her complete thesis to his/her director not later than the date established in the current academic calendar. It must be approved by the director before being finally typed according to the prescribed form. Two copies must be filed in the graduate office on the date listed in the current calendar. Specific directions regarding the format and typing of theses may be obtained from the college bookstore. One copy of the completed and approved thesis is placed in each of the college libraries.

Master's Seminar

When a minimum of 24 units of graduate credit have been completed or when the last semester of coursework has been reached, the candidate may enroll in EDU 296 Master's Seminar. As a result of the seminar the candidate will produce a master's project paper which relates to the student's area of interest. Specific directions regarding format and other requirements are presented in the seminar meetings. The seminar provides an atmosphere of sharing and mutual support for the study of topics of interest to the candidate. One copy of the completed work is to be approved by the seminar advisor who files it with the graduate office for placement in the Doheny Campus Library.

Administrative Studies

In addition to the nine units of core courses candidates will select a distribution of 21 units from the following courses:

EDU 205	Development and Evaluation of Curriculum	(3)
EDU 215	Organization of School Systems — Legal and Financial Aspects	(3)
EDU 216	Supervision of Instruction and Programs	(3)
EDU 217	Administration of Schools and Personnel	(3)
EDU 258	Sociological Aspects of Administrative Leadership	(3)
EDU 263	Laws Relating to Schools, Youth and Community	(3)
EDU 270	Survey of Programs for Children with Exceptional Needs	(3)
EDU 298	Supervised Field Experience — Administration/Supervision	(3)

Bilingual/Cross-Cultural Studies

Additional prerequisite: Screening for Spanish fluency. In addition to the nine units of core courses candidates will select a distribution of 21 units from the following courses:

EDU 281	Implementing the Bilingual/Cross-Cultural Program	(3)
EDU 282	Professional Practicum for the Bilingual/Cross-Cultural Specialist	(3)
EDU 283	Theories of Second Language Acquisition and Methods of Instruction	(3)
ENG 200	English Linguistics	(3)
HIS 265A	Latin American Cultures	(3)
HIS 265B	The Spanish Speaking Peoples of the United States	(3)
SPA 215	Applied Linguistics: Spanish	(3)
SOC 212	Contemporary Social Issues	(3)
SOC 261	Dynamics of Majority/Minority Relations	(3)

Early Childhood Education

In addition to the nine units of core courses candidates will select a distribution of 21 units from the following courses:

EDU 231	Introduction to Early Childhood Education	(3)
EDU 232	Cognitive Processes of the Young Child	(3)
EDU 233	Language Experience of the Young Child	(3)
EDU 234	Techniques of Early Identification, Prevention and Remediation of Learning Problems	(3)
EDU 235A	Social and Scientific Discoveries of the Young Child	(3)
EDU 235B	Creative Expressions of the Young Child	(3)
EDU 216	Supervision and Instruction of Programs	(3)
EDU 238	Seminar: Contemporary Problems in Early Childhood Education	(3)
EDU 239	Professional Practicum for the Early Childhood Specialist	(3)
EDU 272	Disturbances in Child Development	(3)

Counseling

In addition to the nine units of core courses, candidates will select a distribution of 21 units in one of the following program options:

1. **PUPIL PERSONNEL SERVICES:** 21 units chosen from those courses required for the PPS Credential, namely EDU 202, 203, 261, 262, 263, 269, 270; PSY 224, 225 or 274, 230, 235; SOC 261.
2. **MARRIAGE, FAMILY, AND CHILD COUNSELING:** 21 units chosen from PSY 224, 225, or 274, 230, 235, 237; EDU 202, 263, 269; SOC 261. **NOTE:** Candidates preparing for the California MFC exam must complete a minimum of 48 units. Before qualifying for the exam candidates must also document 3,000 hours of supervised counseling experience.
3. **HUMAN SERVICES-PERSONNEL COUNSELING:** 21 units of graduate level courses, which must include PSY 224, 225 or 274, 230, and 235, plus nine units of electives from Psychology, Sociology, and/or Education.

Special Education (Learning Handicapped)

In addition to the nine units of core course candidates will select a distribution of 21 units from the following courses:

EDU 216	Supervision of Instruction and Programs	(3)
EDU 270	Survey of Programs for Child with Exceptional Needs	(3)
EDU 271/PSY 271	Appraisal of Exceptional Children	(3)
EDU 272/PSY 272	Disturbances in Child Development	(3)
EDU 273/PSY 273	Development of Programs for Children with Specific Learning Abilities	(3)
EDU 274/PSY 274	Counseling and Guidance of Exceptional Children	(3)
EDU 275	Teaching of Language Arts for the Learning Handicapped	(3)
EDU 276	Teaching of Mathematics, Science and Social Science for the Learning Handicapped	(3)
EDU 277/PSY 277	Language and Speech Disorders	(3)
EDU 278	Supervised Teaching: Learning Handicapped	(3)

Individually Designed Program (IDP)

For those who wish to earn a Master's degree without a Services or Specialist Credential, this program is flexible and not structured into required course work.

The Individually Designed Program could focus on two areas of study and permit related courses in other than these two areas; could be centered around a core-career objective; could combine disciplines with educational theory; or could be so planned as to permit in-depth study in an area of special interest.

Qualified candidates, under the direction of the program adviser, construct a cross-disciplinary program to meet their special interests or needs.

This student-faculty designed program must be approved by the Dean of the Graduate Division.

Individually Designed Program candidates will complete the nine units of core courses. Candidates in this program may choose either EDU 203 or 214 as a core course requirement depending on program objectives.

Candidates will complete 21 units of course work selected in consultation with the program adviser.

EDU 31 Introduction to Early Childhood Education (3)

A study of the history, scope, and current philosophies of programs for young children. Observations in a variety of local early childhood programs. Understanding of common denominators in sound early childhood programs. Education and licensing requirements for such programs are explored.

tunities to create environments that enhance cultural pluralism. Includes four hours per week of assisting a teacher in an instructional capacity in a preschool setting. *Prerequisite: Departmental approval.*

EDU 34 Language and Concept Development of the Young Child (3)

An indepth study of language and concept development of the child from birth through eight years. Primary factors in cognitive development are stressed including the basic elements of Piaget's developmental theory. The acquisition and development of language and its role in cognitive development are discussed. Methods and materials that enhance language

EDU 32 Observation and Participation in Preschool Programs (3)

A review of the basic principles of early childhood education and their application in the preschool setting. Emphasis on guiding children's learning through practical consideration of play and routine living experiences. Oppor-

and cognitive growth are presented, studied and developed. Students observe and participate in a preschool setting.

EDU 36 Learning Materials for Young Children (3)

Development, use, and evaluation of non-commercial learning materials for young children at home and in the preschool. Emphasis on learning through play and enhancing the child's self-esteem by means of developmentally appropriate activities. Demonstrations of commercial learning materials. Course is suitable for parents or teachers.

EDU 39 Supervised Practicum: Preschool (4)

Instruction of children in the preschool under the direction of a master teacher. Conferences with teachers and supervisors accompany this work. *Prerequisite: Departmental approval.*

EDU 70 Introduction to Children with Special Needs (3)

An introduction to the various exceptionalities. A survey of special education programs. Study of the learning and behavioral characteristics of exceptional children together with a study of their families. Fieldwork is required.

EDU 101 Perspectives in Education (1)

An investigation of the school community, the role of the classroom teacher, and the teacher-aspirant's suitability for teaching. This course includes guided self-assessment, health and speech exam, standardized test of basic skills, and completion of other requirements for admission to the teacher education program. This course is required for admission to the credential program.

EDU 114 Introduction to Exceptional Children: Elementary Diagnosis, Prescription, Remediation (2)

A study of the characteristics and behavior of exceptional children. Instruction in techniques of evaluation and diagnosis of learning problems. Specific suggestions for successful mainstreaming of children with special needs. Course includes current legislation regarding exceptional children. Fieldwork is a required part of this course.

EDU 115A Communication — Elementary Curriculum (2)

A study of the child and the elementary school curriculum with special emphasis on the communication skills of listening, oral and written expression, and non-verbal communication.

This course includes developing an understanding of general principles, objectives, strategies, materials, and evaluation. Personal competence through testing and self-assessment leads to a program for self-improvement. Observation, participation, and some supervised teaching in actual classroom situations are an integral part of this course.

EDU 115B Mathematics — Elementary Curriculum (2)

The course is designed to reinforce math concepts, theories and their application. However, the main thrust is on methods, processes, evaluation procedures, materials, both manipulative and other, for lab and classroom, focusing on individual and group participation. Elementary school observation and participation are an essential component of the study.

EDU 115C Reading: Elementary Curriculum (3)

A study of the developmental process of reading in the elementary school encompassing word attack skills and comprehension skills. The course covers methods, materials, objectives and principles required for a teacher of reading. Evaluation processes researched are both diagnostic and achievement-oriented in nature. Observation and participation in an elementary school setting give opportunities for application of the theories.

EDU 115D Science and Social Studies: Elementary Curriculum (2)

A study of the child in the elementary school curriculum with special emphasis on the teaching of science and social studies. Individual and group instruction is applied both to subject and to general principles, objectives, instructional procedures and materials, and the evaluation process. Observation and participation in actual classroom situations focus on these subjects, including some supervised teaching experience.

EDU 116A Supervised Teaching: Elementary (12)

EDU 116B Supervised Teaching: Elementary (6)

EDU 116C Supervised Teaching: Elementary (6)

A study of children in an instructional program on different grade levels and in different socio-economic communities. This involves fulfilling the responsibilities expected of the in-service teacher. Throughout the continuum,

the student, college instructors, supervising teachers, and other designated personnel measure the effectiveness of the student's interaction within the school community. The goal to be attained is an exemplary, personally secure and professionally competent individual. *Prerequisite: Approval of the Education Department Screening Committee.*

EDU 124 Introduction to Exceptional Children: Secondary Diagnosis, Prescription, Remediation (2)

See EDU 114.

EDU 125A Secondary Curriculum (2)
Courses of study, materials, and equipment used in teaching in junior and senior high schools. Observations at Pasteur Junior High School and Hamilton High School are part of this course.

EDU 125B Emerging Trends in Education (2)

A study of the philosophical and sociological factors influencing innovation and change in education with emphasis on those developments that are becoming established through evaluation, accountability, and experimentation.

EDU 125C Reading — Secondary (3)

The course reviews the basic skills, methods and materials required in beginning reading. Approaches, methods and materials more appropriate to the older student will be studied and tested in individual and group tutoring within a regular junior or senior high school. Attention will be given to the remedial aspects of reading as well as subject matter reading skills. Evaluation processes will include both diagnostic and achievement types.

EDU 125D Secondary Methods (2)

A study of the rationale underlying the content, placement, and methodology, as it specifically relates to the teaching major. This course includes practice in the development and use of materials and equipment for teaching in the junior and senior high school. Observation and participation in the classroom are a part of this course.

EDU 126A Supervised Teaching — Secondary (12)

EDU 126B Supervised Teaching — Secondary (6)

EDU 126C Supervised Teaching — Secondary (6)
Instructing students in a junior and a senior high school class the duration of one semester plus additional assignments comprising a total school day. Weekly conferences are included. Provisions are made for students to fulfill Supervised Teaching at Pasteur Junior High School and Hamilton High School. *Prerequisite: Admission by approval of the department.*

EDU 131 Introduction to Early Childhood Education (3)

See EDU 231.

EDU 132 Cognitive Processes in the Young Child (3)

See EDU 232.

EDU 133 Language Experience of the Young Child (3)

See EDU 233.

EDU 134 Techniques for Early Identification, Prevention, Remediation of Learning Problems (3)

EDU 234.

EDU 170 Survey of Programs for Children with Exceptional Needs (3)

See EDU 270.

EDU 172/272 Disturbances in Child Development (3)

See EDU 272.

EDU 174/274 Counseling and Guidance of Exceptional Children (3)

See EDU 274.

EDU 177 Language and Speech Disorders (3)

See EDU 277.

EDU 190 Workshop (1-3)

May be repeated for credit

EDU 199AB Special Studies (1-3, 1-3)

May be repeated for credit. *Prerequisite: Senior or graduate standing or consent of department.*

EDU 200 Research Methods (3)

A study of the various approaches to research including historical, descriptive and experimental. Intended to develop facility in reading research reports and applying knowledge

gained through research. Students prepare a research report outline for the master's project or thesis. See PSY 200.

EDU 202 Psychological Foundations of Growth, Development, and Learning (3)

Contemporary psychological theory as applied to the processes of learning, personal growth and education. Research and writing are offered to meet the individual needs of students doing graduate work in counseling, human services and education. See PSY 202.

EDU 203 Sociological Foundations of Counseling/Education (3)

A study of education and counseling from a sociological perspective: includes study of the structure of society, its institutions and trends, and the use of sociological approaches to consider current professional questions such as a cultural and ethnic diversity, equal opportunity, achievement, and change.

EDU 205 Development and Evaluation of the Curriculum (3)

Basic principles of curriculum development. Study of the techniques of curriculum planning, evaluation of curriculum, and organizational patterns of curriculum.

EDU 214 Philosophical and Historical Foundations of Education in the United States: Integrating Modern and Emerging Trends (3)

This course deals with the issues and challenges of today's schools integrating modern and emerging trends in education. It is designed to reveal the unique characteristics of the American school system by presenting the philosophical and historical influences in its development.

EDU 215 Organization of School Systems: Legal and Financial Aspects (3)

A study of the organization and administration of school districts and school systems in the United States: considers the respective roles of federal, state, and local governments in education; examines legislation and litigation affecting school districts and theory and practice of school finance.

EDU 216 Supervision of Instruction and Programs (3)

This course is designed to provide opportunities for students to develop those competencies required for effective supervision of instruc-

tion and educational programs. Such competencies as the following are to be emphasized: proficiency in effecting change in personnel for the improvement of educational programs and of teaching, effective interpersonal relations, development of skills in decision-making and in all aspects of program planning, implementation, and evaluation.

EDU 217 Administration of Schools and Personnel (3)

A course in developing skill and understanding in the use of effective techniques in administrative leadership and in development of skill in handling personnel problems, basing decisions on sound principles of personnel administration. The course is designed on the case study approach, including visitations to schools whenever possible, and is specifically designed to prepare for service in elementary and secondary schools.

EDU 231 Introduction to Early Childhood Education (3)

A systematic study of the developmental characteristics of the young child beginning with prenatal life. Emphasis is placed on the relationship between these factors and the theoretical bases upon which early childhood programs have been and currently are being developed. Through lecture, discussion, films, review of research, and field study, fundamental theories of child development, philosophies of curriculum and established programs will be analyzed. Candidates will be encouraged to assess themselves in relation to the competencies and functions of early childhood specialists now and in the predictable future.

EDU 232 Cognitive Processes in the Young Child (3)

Discussion of changing views as to how children develop intellectually. Focus on perceptual development including cognitive stages and changes in perceptual style. Consideration of thought patterns in young children — imagery, generation of ideas, schemata, concepts, rules, and problem-solving behavior. Attention to the developing integration of language and cognition with exploration of social influences, cognitive deprivation, second language learning and memory processes. Field work will involve analysis of several existing early childhood programs in terms of developmental sequence and interconnections between cognition, perception, and language.

EDU 233 Language Experience of the Young Child (3)

Study of theories of language acquisition and development in early childhood. Concentration on normal and deviant patterns of growth in communication skills. Classroom procedures for improved speech and language functioning in young children. Instructional techniques and materials in pre-reading and beginning reading. Supervised professional practicums in diverse socio-cultural settings and with multi-age groups will focus on differing language patterns, skill development and the necessity of individualization of experience.

EDU 234 Techniques for Early Identification, Prevention, and Remediation of Learning Problems (3)

Advanced instruction in techniques of evaluation and diagnosis of current and potential learning problems. Training in interpretation of diagnostic data, selection and development of effective teaching techniques and construction of prescriptive plans which complement student strengths, developmental and experiential levels, socio-cultural backgrounds, and learning styles. Supervised field work will include laboratory participation in diagnosis, interpretation, selection of instructional activities, recording and continual evaluation of pupil progress, consultation with parents and professionals, selection of appropriate referral agencies and follow-through implementation.

EDU 235A Social and Scientific Discoveries of the Young Child (3)

A study of the instructional program in social studies, science, mathematics, and health designed to promote self-esteem, positive social interaction, and subject matter competence in the young child. Individual and group instruction will be utilized to develop principles, explore techniques of diagnosis, create strategies, select and develop materials, plan evaluation, and design the environment for the young child. Supervised professional practicums in differing socio-cultural settings and with different age groups will focus on the necessity of considering the individual child when developing curricula and planning for continuity of learning experience regardless of age.

EDU 235B Creative Expressions of the Young Child (3)

A study of the instructional program in movement, drama, art and music, designed to promote self-esteem and creative expression in the young child. Individual and group instruc-

tion will be utilized to develop principles, explore techniques of diagnosis, create strategies, select and develop materials, plan evaluation, and design the environment for the young child. Supervised professional practicums in differing socio-cultural settings and with different age groups will focus on the necessity of considering the individual child when developing curricula and in planning for continuity of learning experiences regardless of age.

EDU 236 Seminar: Parent and Community Involvement in Early Childhood Education (3)

In-depth study of the community(ies) to be served, with emphasis on the similarities and differences among cultural groups in language, child-rearing practices, values and customs. Methods of effectively encouraging parent and community participation, for facilitating productive parent conferences, and for planning programs to strengthen home-school cooperation, including parent education as related to individual child development. Development of criteria for working with volunteers, tutors, parents, teachers, and paraprofessionals from diverse cultures.

EDU 238 Seminar: Contemporary Problems in Early Childhood Education (3)

Exploration of controversial issues such as fixed intelligence, predetermined development, importance of early experience, reversibility of deprivation and the relationship of these theoretical issues to curriculum. Review of research, preparation of professional reports, development of proposals, and investigation of methods to obtain cooperation and community understanding in the alleviation of contemporary problems within early childhood education.

EDU 239 Professional Practicum for the Early Childhood Specialist (3)

Supervised field and practicum experiences will take place in representative cross-cultural settings of public and private schools and agencies. Personnel will include all adults involved in early childhood education and children in at least one pre-kindergarten developmental level (and one level at kindergarten or primary where needed). Throughout the continuum, the candidate, college instructors, and the supervising personnel measure the effectiveness of the candidate's interaction in the early childhood community.

EDU 255 Seminar: Principles of Curriculum and Instruction (1-3)

Principles and procedures of curriculum program planning. Study of trends in major curricular fields.

EDU 258 Sociological Aspects of Administrative Leadership (3)

A study of the knowledge, theory, and research of the behavioral sciences that are transforming school administration, the behavior of individuals and groups in an organizational setting, and its application to current professional problems in education.

EDU 261 Education and Career Planning (3)

Seminar in counseling and guidance. A study of the agencies, sources, and research data needed by the school counselor.

EDU 262 Pupil Personnel Services and Their Organization (3)

An introduction to the basic principles of guidance and counseling and a study of the organization and administration of pupil personnel services in the school.

EDU 263 Laws Relating to Schools, Community, and Youth (3)

A study of the legal regulations relating to the community, youth, schools, school personnel as well as counseling and human services personnel. Students become familiar with the codes and legal references and with agencies which implement these regulations. Attention is also given to ethical issues in professional practice.

EDU 269 Field Experience: Counseling (1-3)

A field experience under professional supervision in a setting where counseling is practiced. Generally students participate in selecting an appropriate placement either in a school or a professional agency. See PSY 269.

EDU 270 Survey of Programs for Child With Exceptional Needs (3)

Provides an introduction to the problem of exceptionalities of all types; the history of special education, the legal and administrative framework for special education in California; education, sociocultural, and psychological rationale for grouping children, while retaining the basic principles of normal growth and development underlying the deviations of the spe-

cial exceptionalities. Types of special education programs are studied in relationship to the mainstream of regular education.

EDU 271 Appraisal of Exceptional Children (3)

A study of the use of tools for assessing exceptionalities in children; statistical concepts in measuring abilities; principles of assessment; methods of administration and interpretation; assessment instruments; and the relationship of the results of assessment to the total evaluation of the child. See PSY 271.

EDU 272 Disturbances in Child Development (3)

The student is guided in a study of learning and behavioral disturbances in childhood: deficits in sensory motor functions, language, auditory and visual perceptual abilities and social and emotional development. Preventative and remedial programs in movement, perception, language, and cognitive skills and amelioration of socio-emotional disturbances will be discussed.

EDU 273 Development of Programs for Children with Specific Learning Abilities (3)

Assessment of the characteristics and behaviors of exceptional pupils in terms of program and developmental needs. Utilization of systematic observation, academic assessment, clinical teaching, and formal assessment procedures for individualized instruction. Evaluating and reporting outcomes of a teaching-learning sequence in terms of stated objectives. Designing and utilizing pupil performance criteria to evaluate pupil learning and behavior.

EDU 274 Counseling and Guidance of Exceptional Children (3)

Primarily a study of human relations, which provides the basis for the effective working relationships, both interpersonal and interprofessional, involving the complex situation of persons interacting with one another at all levels of the organization social structure. The student develops the ability to relate effectively with pupils, parents, coworkers, and resource personnel; becomes sensitive to the feelings and needs of others by understanding his own, develops skills of communication, and learns to appreciate and use available work harmoniously and effectively with all personnel — a necessary condition for the success of the concerted efforts of all members of the staff toward a common goal of promoting the learning of children. See PSY 274.

EDU 275 Teaching of Language Arts for the Learning Handicapped (3)

In this course, the student draws upon the knowledge and skills requisite for effective teaching of reading and language arts in the regular classroom. He/she learns to adapt them to the learning abilities of learning handicapped children. This course may be taken concurrently with student teaching or completed before that semester.

EDU 276 Teaching of Mathematics, Science and Social Science for the Learning Handicapped (3)

In this course the student draws upon the knowledge and skills requisite for effective teaching of mathematics, science and social science in regular classroom. He/she learns to adapt them to the learning abilities of learning handicapped children. This course may be taken concurrently with student teaching, or completed before that semester.

EDU 277 Language and Speech Disorders (3)

Designed to acquaint the candidate in special education with the normal language development, and with the causes, characteristics, and remediation of speech disorders and defects in the handicapped child. Includes observation evaluation, and participation in programs of speech development and therapy. See PSY 277.

EDU 278 Supervised Teaching: Learning Handicapped

Experience in all aspects of teaching the learning handicapped child: assessment, programming, instruction, management, record maintenance, evaluation of progress, and contacts with families and community.

EDU 279 The Resource Specialist: Organization and Management (3)

Instruction in practical techniques necessary for the Resource Specialist. Approaches, methods, and materials will be presented for setting up a resource room, organizing an effective academic program for students with varied ability levels, and behavior management. Areas of study will include the role of the resource specialist in the IEP meeting, effective writing and implementation of the IEP, suggestions for successful interactions with parents, faculty and administrators, and information concerning the utilization of community resources. Sites with Resource Specialist Programs in progress will be visited. A certificate of Training will be issued upon completion of the course.

EDU 281 Implementing the Bilingual Cross-Cultural Program (3)

A course designed to reexamine the curricula of the schools as approved by the California State Board of Education. Special attention will be given to the *Framework for Reading* and the *Framework for Bilingual-Bicultural Education and English as a Second Language* for elementary and secondary schools. Prerequisite: EDU 280.

EDU 282 Professional Practicum for the Bilingual, Cross-Cultural Specialist (3)

This course is designed to give the specialist-candidate the opportunity to obtain firsthand knowledge and competency in effecting the instructional program for the bilingual, cross-cultural student under the supervision of authorized public school and college personnel. This involves two ten-week periods of classroom teaching and the fulfillment of the related responsibilities expected of the in-services specialist. Equivalency for one period may be arranged with the Chairperson of the Department of Education. Provision for K-12 field work will be based on applicant's experiences and basic teaching credential.

EDU 283 Theories of Second Language Acquisition and Methods of Instruction (3)

This course emphasized the interrelationship of theories of second language acquisition and methods of teaching a second language. Selected topics such as language testing are also considered.

EDU 295 Thesis Guidance (3)**EDU 296 Master's Seminar (3)**

Designed to provide opportunity for the candidate to develop competency in researching a current issue in education, analyzing its operational problem, and making a research report. Failure to complete the seminar work in one semester requires the student to re-register for another three units in EDU 296.

EDU 298 Supervised Field Experience: Administration and Supervision (3)

Directed and supervised experience in the supervision of instruction and in administrative activities. A wide variety of experiences is offered to prepare the student to meet many situations in supervision and administration. Approval of faculty advisor is required.

EDU 299AB Special Studies (1-3) <i>Prerequisite: Graduate standing or consent of department. May be repeated for credit.</i>	EDU 342 Individualized Educational Programming for Learning Handicapped Children: Elementary (2) Focus on children 9-12 years of age, fourth through sixth grade. Approaches for teaching intermediate academic and remedial skills. Methods, materials, and classroom structure for children with learning problems are explored to assist the teacher to individualize instruction effectively.
EDU 301 Inservice Education (1-6)	
EDU 302 Inservice Education (1-6)	
EDU 333 Supervised Practicum: Pre-School (4) Instruction of children in the pre-school under the direction of a master teacher. Conferences with teachers and supervisors accompany this work. <i>Prerequisite: Departmental approval.</i>	EDU 343 Individualized Educational Programming for Learning Handicapped Children: Adolescent (2) Focus on students 12-16 years of age. Emphasis on assessment of learning problems, analysis of special problems faced by the adolescent, individualization of instruction.
EDU 340AB Seminar and Practicum: Teaching Learning Handicapped Children (6) Designed to meet the needs of advanced students or experienced teachers who wish to become more proficient in evaluation, programming and teaching exceptional children. Supervised teaching in conjunction with observations, seminars, lectures, and demonstrations. Teaching methods and materials, approaches to evaluation and programming are included. May be repeated for credit.	EDU 345 Workshop in Special Education (1-3) May be repeated for credit.
EDU 341 Individualized Educational Programming for Learning Handicapped Children: Early Childhood (2) Focus on children 4-8 years of age, kindergarten through third grade. Pre-academics, ability training, and beginning academic skills. Opportunities to explore a variety of manipulative materials which make concepts and skills more meaningful and interesting for young children. Development of Individual Educational Programming using techniques demonstrated.	EDU 346 Introduction to Multi-Ethnic Education (3) An introduction to issues dealing with multi-ethnic education in urban areas. A general course based on the multi-ethnic professional education requirements of local school districts.
	EDU 347 Issues Related to Minority Students in California Schools (3) Students will complete a field analysis of students from a particular culture. Comparison of student presentations will be followed by techniques for effective teaching with a specific cultural group. A culture specific course based on the multi-ethnic professional education requirements of local school districts.

ENGLISH

The English major emphasizes creative writing and thinking, and offers training in communication and in the perceptive criticism of literature. Students may structure their English programs for an emphasis in such areas as literature, writing, and journalism.

The B.A. Degree with a Major in English

Preparation:

ENG 1AB	College Writing	(2,2)
ENG 2	Introduction to Literature	(3)
HIS 1AB	Western Civilization	(6)
	one course in American Literature	

Strongly Recommended:

PHI 5	Introduction to Logic	(3)
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Requirements:

ENG 106	Creative Writing	(2)
ENG 181	Theory and Criticism	(3)
ENG 195	English Seminar	(3)

Twenty-five units selected from English and Journalism offerings, at least eighteen of which are upper division. Each student works out a total program with an adviser and the department chairperson.

Majors may fulfill any department requirements by independent study provided that a faculty member agrees to direct the work.

Majors must maintain average or above-average grades in all English courses.

Total units in English: 40

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in English

A minimum of 21 units selected from English offerings. Students interested in an English minor should work out their total programs with the department chairperson. Because of the variety of careers to which an English program may lead, the choice of courses is flexible.

Teaching Emphasis

A minimum of 21 units selected from English offerings.

Requirements:

ENG 1AB	College Writing	(2,2)
ENG 181	Theory and Criticism	(3)
	One course in American Literature	

Strongly Recommended:

ENG 106	Creative Writing	(2)
ENG 173	Shakespeare	(3)
	One course in Linguistics	(3)

ENG 1AB College Writing (2,2) Designed to teach the skills needed for communicating in college; continuous practice and evaluation in paragraph and essay development, English usage, research, critical reading and thinking.	ENG 11 Communication Skills for Medical Profession (3) Principles and practice of individual and group communication primarily in health-related situations, with an emphasis on interpersonal oral communication. <i>Prerequisite: Grade of C or better in ENG 9, 10A, or an equivalent course.</i>
ENG 2 Introduction to Literature (3) A study of selected fiction, poetry, and drama for critical analysis and enjoyment. This course is a prerequisite for all other literature courses offered in the bachelor's program.	ENG 17 Literary Focus (3) In-depth study of works selected by author, theme, or genre. May be repeated for credit.
ENG 3 Basic Writing (3) A study of basic elements of writing including sentence structure, paragraph development, and mechanics. Does not fulfill college writing competency requirement. Student must obtain a C or better to qualify for ENG 9.	ENG 18 Studies in World Literature (3) Study of major works in world literature, representing a variety of periods, themes, and genres.
ENG 6 Imaginative Writing (3) An introduction to free and structured writing; the writing of poems, essays, and stories to develop creativity and critical appreciation. <i>Prerequisite: ENG 9, 10A, or 10B.</i>	ENG 21 Classical Epic and Drama (3) Reading of the <i>Iliad</i> , <i>Odyssey</i> , <i>Aeneid</i> , and several Greek tragedies. Study of their origins, development, meaning to the ancient world and to the contemporary reader.
ENG 7 College Writing and Lab (2) Principles and practice of writing, chiefly expository, with attention to critical thinking and analytical reading. Admission by placement. Students will work in writing lab as prescribed by instructor.	ENG 22 The Bible at Literature (3) Aspects of the Bible as art shaped by human artifice. Concerned with characters and their development in freedom; with literary elements such as theme, structure, voice, images, movement.
ENG 9 Communication Skills (3) A one-term course in the principles and practice of writing and speaking standard English. Includes expository paragraphs and essays as well as a limited number of individual and group speaking experiences. A minimum requirement for A.A. degree. Fulfills first term of bachelor's degree writing competency requirement (ENG 1A). <i>Prerequisite: Grade of C or better in ENG 3 or a satisfactory grade on English Placement Test.</i>	* ENG 24 Introduction to Film (3) Survey of the elements of film, film history, and criteria for critically evaluating theatrical and television films.
ENG 10AB Written and Oral Communication (3,3) A two-term course in the principles and practice of writing and speaking standard English. Includes informal, expository, and analytical writing, library skills, individual and group speaking experiences. Required of A.A. students in business and pre-school specializations. Fulfills bachelor's degree writing competency requirement (ENG 1AB). <i>Prerequisite: Grade of C or better in ENG 3 or a satisfactory grade on English Placement test.</i>	ENG 26 The American Experience (3) An introduction to significant American myths and ideas through a study of selected American writing.
	ENG 34 Pre-School Literature (3) A survey of children's literature for lower division students interested in working with pre-school and primary grade children; weekly experiences in storytelling.
	ENG 54 Studies in American Literature (3) A study of poetry, fiction, and non-fiction representative of periods or trends in American literature.
	ENG 7 Shakespeare (3) A study of selected Shakespearean plays and poetry.

ENG 91 Directed Study (1-3)	Study in a field of special interest, under the direction of a department member. May be repeated for credit.	ENG 107 Writing for the Media (3)	An examination of the kinds of writing used in the communications media with practice in developing newspaper, magazine, television, and radio material.
ENG 92 Special Studies (3)	Exploration of special interest areas in the study of language and literature. May be repeated for credit.	ENG 108 Technical Writing (3)	A survey of the techniques of writing for the world of work with practice in producing business, technical and scientific reports.
ENG 94 Communication Skills Laboratory (1-3)	Individual instruction in communication skills — reading, writing, listening, speaking. Not transferrable towards bachelor's degree at Chalon. May be repeated for credit with a maximum of 6 units towards A.A. degree.	ENG 109 Marketing Your Writing (3)	An exploration of the channels available for marketing both imaginative and expository writing with practice in presenting material to publishing agencies.
* ENG 96 Workshop (1-3)	May be repeated for credit.	ENG 134 Children's Literature (3)	Wide reading of children's books; study of critics in the field, and of artist illustrators.
ENG 100/200 English Linguistics (3)	A diachronic and synchronic approach to the linguistic analysis of English; special focus on problems in the history and structure of the English language relevant to teachers in bilingual and cross-cultural programs. <i>Prerequisite: Demonstration of competency in traditional English grammar.</i>	ENG 143 English Literature: Beowulf to 1500 (3-6)	Major works of the medieval period studied in their historical and cultural contexts. With permission of instructor, student may enroll for credit up to 6 units.
ENG 101 History of the English Language (3)	Study of the history and development of the English language with special emphasis on the phenomena operative in language change.	ENG 144 English Literature: 1500 to 1700 (3-6)	Major works of the Renaissance and Restoration studied in their historical and cultural contexts. With permission of instructor, student may enroll for credit up to 6 units.
ENG 102/202 Structure of Modern English (3)	Introduction to varieties of contemporary linguistic theories and their application to modern American English; study of transformational grammar.	ENG 145 American Literature: Beginnings to 1914 (3-6)	Major works of colonial, early federal, and nineteenth-century America studied in the light of their historical contexts. With permission of instructor, student may enroll for credit up to 6 units.
ENG 105 Advanced Composition (3)	Developing practice in clear prose exposition; study of style and the basic structure of the language. Designed primarily for students seeking a California teaching credential.	ENG 146 American Literature: 1914 to Present (3-6)	Study of major works of modern America; consideration of how the literature reflects the condition of society after the outbreak of World War I. With permission of instructor, student may enroll for credit up to 6 units.
ENG 106 Creative Writing (1-6)	Exercise in creating short stories and poems from experience and observation. May be repeated for credit up to a total of six units; at least two units required of English majors. <i>Prerequisite: Consent of instructor.</i>	ENG 147 English Literature: 1700 to 1900 (3-6)	Major works of the 18th Century, Romantic and Victorian periods studied in their historical and cultural contexts. With permission of instructor, student may enroll for credit up to 6 units.

ENG 148 Twentieth Century English and European Literature (3-6)
 Major contemporary works studied in their historical and cultural contexts. With permission of instructor, student may enroll for credit up to 6 units.

ENG 154 Selected American Writers (3)
 In-depth critical reading of a few American writers, selected to give insight into the literature and ideas of a significant period or movement in American culture. May be repeated for credit.

ENG 161 Study of the Novel (3)
 Chronological reading and study of representative novels from the 17th to the 20th centuries. Emphasis on critical enjoyment and awareness of the novel's changing form.

ENG 162 Study of Poetry (3)
 Close reading of poems of varied complexity with emphasis on critical enjoyment.

ENG 163 Study of Drama (3)
 Reading and analysis of selected plays from world theater with emphasis on works of classical, European, English, and American playwrights; theories of interpretation.

ENG 170 Theology in Literature (3)
 An interdisciplinary investigation of themes in literature which demonstrate the human search for the transcendent. See RST 170.

ENG 171 Dante, *The Divine Comedy* (3)
 A close reading and explication of the *Comedy* as a supreme work of art.

ENG 172 Chaucer (3)
 Readings in the poetry of Chaucer, principally the *Canterbury Tales* and *Troilus and Criseyde*, with reference to the minor works.

ENG 173 Shakespeare (3)
 Appreciation of Shakespeare's range and art as a playwright through study of works from different periods of his development; combination of in-depth and background study.

ENG 181 Theory and Criticism (3)
 Advanced study in methods of examining and discussing literature. Practice in literary analysis. Consideration of selected major critical theories and documents.

ENG 190 Internship (1-6)
 Students are placed and supervised in business or administrative positions that make use of the skills developed in the major study. Usually taken in final term of residence. *Prerequisites vary and are determined in consultation with the departmental coordinator.*

ENG 191/291 Directed Study (1-3)
 Study in a field of special interest, under the direction of a department member. May be repeated for credit.

ENG 192/292 Special Studies (3)
 Exploration of special interest areas in the study of language and literature. May be repeated for credit.

ENG 195 English Seminar (3)
 Designed to provide upper-division English majors with an opportunity for in-depth investigation into literature and ideas; culminates in a written project. English minors and other upper-division students admitted with permission of instructor.

ESL 7J Beginning English as a Second Language (0)
 Intensive basic English for foreign students.

ESL 8J Intermediate English as a Second Language (3)
 Intermediate drill in English language skills for foreign students; grammar, composition, reading. *Prerequisite: ESL 7J or instructor's signature.*

ESL 9J Advanced English as a Second Language (3)
 Advanced English language study for foreign students; grammar, composition. *Prerequisite: ESL 8J.*

FRENCH

Departmental Affiliation: Foreign Language and Literature

The Department of Foreign Languages and Literature offers majors and minors in French and Spanish (for Spanish course description, see alphabetical listing).

The major in French is a comprehensive program leading to a proficiency in the four basic language skills: speaking, reading, writing, and understanding. Incorporated into the program are the culture and civilization of the French-speaking world. Students may plan their programs with an emphasis on literary studies, language or international business. Admission to the major is determined by the faculty of the department when the student applies.

The B.A. with the Major in French

Preparation:

FRE 4AB	Intermediate French	(3,3)
FRE 8	Phonetics and Conversation	(3)
FRE 25	Advanced Grammar and Composition	(3)
FRE 32	The Culture and Civilization of France	(3)

Requirements:

25 units in upper division courses to include

FRE 101	Stylistics and Composition	(3)
FRE 112A	French Literature from the Middle Ages through the French Revolution	(3)
FRE 112B	French Literature from the French Revolution to World War II	(3)
FRE 134	Twentieth Century Literary Trends	(3)
FRE 191	Senior Thesis	(1)
	A course in the Classical Theater	(3)
	A course in the Nineteenth Century	(3)
	Two additional upper division courses	(6)

The Minor in French

Requirements:

A minimum of 21 units chosen from

FRE 4AB	Intermediate French	(3,3)
FRE 8	Phonetics and Conversation	(3)
FRE 25	Advanced Grammar and Composition	(3)
FRE 32	The Culture and Civilization of France	(3)
FRE 112A	French Literature from the Middle Ages through the French Revolution	(3)
FRE 112B	French Literature from the French Revolution to World War II	(3)

International Business Emphasis

Requirements:

FRE 102	French for Business	(3)
FRE 103	Interpretation and Translation	(3)
FRE 133	Contemporary French Life and Thought	(3)
FRE 1, 2 Elementary French (3,3)		
Develops fundamental skills: speaking, reading, understanding, writing. Use of language laboratory is required. Classes feature oral practice in French.		
FRE 3 Intermediate French (3)		
Continues the development of all four language skills, emphasizing vocabulary building, perfecting pronunciation, increasing fluency. Language laboratory use is required.		
FRE 4AB Intermediate French (3,3)		
Selected literature and culture readings discussed and analyzed in French to enrich vocabulary and improve writing ability.		
FRE 8 Phonetics and Conversation (3)		
Concentrates on the fundamentals of phonetics, vocabulary building and conversation with emphasis on correct intonation and pronunciation.		
FRE 25 Advanced Grammar (3)		
A thorough review of the structure of the language with concentration on the more complex points of French grammar; exercises in prose composition.		
FRE 32 History and Civilization of France (3)		
A background course for the study of French literature. Historical, social, and cultural development of France.		
FRE 101 Stylistics and Composition (3)		
Exercises in rhetoric, stylistic analysis; original compositions.		
FRE 102 French for Business (3)		
Intensive commercial French, combining and developing simultaneously the teaching of the structures of the French language with that of business terminology essential in business operations and situations where French is the dominant language.		
FRE 112AB Introduction to the Study of French Literature (3,3)		
An introduction to poetry, prose, and drama, tracing the development of each genre from the Middle Ages to World War II. Special attention given to literary theory and criticism of works studies.		
A: From the Middle Ages through the French Revolution.		
B: From the French Revolution to World War II.		
FRE 113 Translation and Interpretation (3)		
Communication skills are developed and opportunities provided for using these skills in actual situations where interpretation and translation are essential.		
FRE 123 Literary Expression of Medieval and Renaissance Thought (3)		
Themes, ideas, and forms of medieval and renaissance literature as an expression of the life, thought and attitudes of the times.		
FRE 125 Masterpieces of the 17th Century: Prose and Poetry (3)		
Study of the different literary trends with analysis of the major works.		
FRE 126 The Classical Theatre: Corneille, Racine and Moliere (3)		
A study of French Classicism as it is exemplified in the tragedies of Corneille and Racine, and the comedies of Moliere.		
FRE 127 The Age of Enlightenment (3)		
A study of the artistic and intellectual trends of the eighteenth century as revealed by the major poets, dramatists, and prose writers of the period; the intellectual origins of the French Revolution.		
FRE 129 The Literary Genres of the Nineteenth Century (3)		
An analytical study of the artistic and intellectual currents of the nineteenth century as revealed by the major poets, novelists and dramatists of the period.		

FRE 133 Contemporary French Culture (3)
 An analysis of contemporary life and thought, focusing on the current economic and political scene, the Common Market, legal institutions, as well as contemporary artistic and literary trends, the French value system, the family and leisure time.

FRE 134 Twentieth Century Literary Trends (3)
 Intensive study of the trends of contemporary poetry, theater and novel with analysis and interpretation of selected works.

FRE 190AB Special Studies (3, 3)
 Courses designed to investigate in depth areas of special literary interest: genres, authors, themes. Internship program in areas related to French.

FRE 191 Senior Thesis (1)
 French majors must complete a senior thesis in literature under the direction of a department member. They enroll in FRE 191, *Senior Thesis*, during the term in which they complete the work. Upon acceptance of the paper by the department, the student receives one unit of credit and no grade.

FRE 194 Study/Travel (1-6)
 Pre-travel lectures and readings, as well as guided tours in the country, serve as basis for a study/travel program, with each participant developing a project highlighting the travel experiences.

FRE 199AB Independent Studies (1-3; 1-3)
 Directed readings and research. For qualified students with the approval of the department.

THE GENERAL STUDIES PROGRAM (A.A. DEGREE)

A student may begin college work on the Doheny campus with the intention of transferring to the baccalaureate program. In this case, students enroll in the general studies program and work out their courses in close consultation with their advisers. Students who intend to apply for the A.A. degree must fulfill the A.A. degree requirements. See p. 40.

GERONTOLOGY

The major in gerontology emphasizes the exploration of behavioral development over the entire lifespan. Special focus is placed on the biological, sociological and psychological aspects of aging in American society.

The B.A. Degree with a Major in Gerontology

Preparation:

BIO 150	Biology of Aging	(3)
PSY 1	General Psychology	(3)
SOC 5	Sociological Perspectives	(3)
PHIL 21	Moral Values and Ethical Decisions	(3)

Requirements:

Thirteen upper division courses including:

HSP 194	Concepts and Issues in Gerontology	(3)
HSP 196	Thanatology Seminar	(3)
PHI 168B	Bioethics	(3)
PSY 127	Psychology of Development and Aging	(3)
PSY 133	Psychology of Disability and Adjustment	(3)
PSY 168	Abnormal Psychology	(3)

RST 178	Death and Dying	(3)
SOC 189ABC	Sociology of Aging	(3)

Recommendations:

PSY 125	Introduction to Counseling	(3)
PSY 132	Personality	(3)
PSY 135	Group Dynamics	(3)
PSY 145	Social Psychology	(3)
PSY 192	Clinical Practicum	(3)
SOC 137	Culture and Personality	(3)
SOC 161	Dynamics of Majority-Minority Relations	(3)
SOC 190	Social Change	(3)

Majors must obtain a grade of C or above in all major courses.

Total units in major: 50

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

All courses are described in the listings of the respective departments.

HISTORY

The student who majors in history examines and analyzes the heritage of the recorded past in an effort to better understand and evaluate events and developments of the present. Emphasis is placed on American, European, and non-Western civilizations.

Other options are offered in the closely-allied area majors offered in Social Science with emphasis in hispanic studies, history, political science, public administration and sociology.

It is possible to have history and American Studies as a double major. See American Studies. Such a combination is highly desirable and very useful, combining as it does with the general major a specialized study of the character and developing trends of American society.

Students must maintain average or above-average grades in all courses in the major.

The B.A. Degree with a Major in History

Preparation:

HIS 1AB	Western Civilization	(3,3)
POL 1 or POL 10	American Government	(3)
	Political Concepts	(3)

Recommendations:

HIS 25	Cultural and Historical Geography	(3)
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Requirements:

Ten upper division courses including:

HIS 101	Writing of History	(3)
HIS 198	Historiography	(3)
or		
INT 180	Seminar in Ideas and Culture	(3)
	Three courses in U.S. history	(9)
	Three courses in European history	(9)
	Two courses selected from the history of other areas	(6)

Total units in history: 39

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in History

HIS 1AB	Western Civilization	(3,3)
HIS 101	Writing of History	(3)

Two upper division courses in U.S. history.

Three upper division courses in the history of other areas.

HIS 1AB Western Civilization (3,3)
An historical study of the major elements in man's heritage designed to introduce the student to the ideas, attitudes, and institutions basic to western civilization.

HIS 5 European Leaders and Ideas in Ferment and Flux (3)

A study of the major people and forces which shaped European culture and institutions from the mid-19th century to the present.

HIS 7ABC American Civilization — Colonial and Revolutionary Traditions (1,1,1)

This course will spotlight the colonial and revolutionary traditions as well as trace their contributions to the thought and values in American character. Emphasis on the Puritan tradition, pre-Revolutionary America, and constitutionalism in a new nation.

HIS 7DEF American Civilization — 19th Century (1,1,1)

This offering will feature three developments in the 19th century which shaped American society and its values. The areas selected will be the multi-faceted Jacksonian period, the slave system in Southern culture and the development of business enterprise in the post-Civil War era.

HIS 7GHI American Civilization — 20th Century (1,1,1)
This course is aimed at in-depth examination of three pivotal epochs in modern American development: the progressive Reform Era, the New Deal Economics changes and the post-World War II foreign policy revolution. Each part will focus on the dominant themes and currents which shaped American values. Fulfils CPE requirement.

HIS 17 Trends in American History and Institutions (3)

The constitutional problems of the American Revolution, the founding of the American Republic, the later crises brought on by sectionalism and slavery, the socio-economic implications of these crises, the evolution of the presidency since 1900, the changing relationships of the federal government to the economy, and the growth of executive power.

***HIS 25 Cultural and Historical Geography (3)**

A survey of the basic cultural elements of geography, of their correlation with the physical elements, and of the geographic factors basic to the study of history and the social sciences.

HIS 27 U.S. History and Institutions for Foreign Students (3)

The constitutional problems of the American Revolution, the founding of the American Republic, the later crises brought on by sectionalism and slavery, the socio-economic implications of these crises, the evolution of the

presidency since 1900, the changing relationships of the federal government to the economy, and the growth of executive power. Limited to foreign students. Fulfills CPE requirement.

***HIS 93ABCD Studies in Selected Historical Problems/Topics (3,3,3,3)**

The course will reflect special areas of research by various faculty members and visiting lecturers. The particular area of study will be announced in the semester schedules.

HIS 101 The Writing of History (3)

An examination and practice of the methods of modern research and the particular tools of history: chronology, analysis, and interpretation. Attention is given to the craft of working with different sources and the development of style. This course will include a research paper.

HIS 112 Economic History of Europe (3)

The rise and spread of commerce and capitalism in Western Europe; a critical evaluation of the concept of the Industrial Revolution; the economic development of the modern European state; the process of economic cooperation and integration.

HIS 113 Economic History of the United States (3)

See ECO 113.

HIS 118 Popes, Councils, Dogma, Dissent (3)

An examination of the major issues and controversies in the Catholic Church through the centuries with special emphasis on the early Church, high Middle Ages, Reformation, as well as Vatican I and Vatican II. See also RST 118. (Formerly listed as HIS 12.) May be taken for lower division credit.

HIS 121 The Early Medieval World (3)

Heirs of the Roman Empire, Byzantium, Western Europe, and Islam, Carolingian Europe and new invasions; feudalism; territorial, economic, and religious frontiers.

HIS 122 Europe: Knights, Monks, Monarchs, and Merchants (3)

The high Middle Ages; Church and State; rise of the feudal monarchies; the dynamics of medieval culture as reflected in literature, art, education, law, science, and philosophy. May be taken for lower division credit.

HIS 124AB History and Civilization of the Near East (3,3)

A. Islamic Civilization: from Mohammed to the 18th century. A history of the revelation received by Mohammed and of the Arab, Iranian, and Ottoman Turkish societies based on the Koran. The contact of Christian and Islamic soldiers, merchants, philosophers, architects, and artists studied through events such as the Crusades and the fall of Constantinople and by means of the literature and visual arts of the age. B. Muslim, Christian and Jewish nations: from the decline of the cosmopolitan Ottoman Turkish and Iranian empires in the 18th century to the emergence of the contemporary nation states. Persia and Egypt as examples of Islamic nationalism versus European imperialism; the background of Turkish-Christian and Arab-Jewish conflict.

HIS 141 Europe: The Age of Transition (3)

An examination of the transition from medieval to early modern European society with emphasis on theological, humanistic, and cultural achievements.

HIS 142 Europe: Politics and Theology in the Age of Reformation (3)

An examination of the currents and influences of religious disunity, the Reformation, dynastic wars, and the counter-Reformation. May be taken for Religious Studies credit. May be taken for lower division credit.

HIS 143 Europe: The Old Regime and the Enlightenment, 1660-1789 (3)

The European search for security and the effort to reconcile the Old Regime with the New Science of the Enlightenment. An examination of the attempts to maintain the political balance and growth of forces leading to the modern world.

HIS 146 Europe: The Age of Revolution and Nationalism, 1789-1871 (3)

A study of class conflicts, culture and nationalism in the period from the beginning of the French revolution to the unification of Italy and Germany and the Commune of Paris. The intellectual and artistic achievements of figures such as Goya, Beethoven, Stendhal, Darwin, Marx, and Wagner will be treated in relation to the political, social and cultural trends of this period.

HIS 147 Europe: The Age of Imperialism and Totalitarianism, 1871-1945 (3)

The history of Europe in the German era from the establishment of the Second Reich to the collapse of the Third. A study of society and culture in nations preparing for and conducting total war. The intellectual and artistic achievement of figures such as Nietzsche, Freud, Mann, Nijinsky, Orwell, and Picasso will be treated in relation to the political and intellectual currents of the period.

HIS 148AB History of Russia (3,3)

A. Russia to 1860. A survey of the political, economic, and social developments, and of foreign relations in the Kievan, Muscovite, and St. Petersburg periods.
B. Russia from 1860 to present. Reform and radical movements, international politics, the era of revolutions in Russia, and the formation. Internal developments of foreign relations of the Soviet Union.

HIS 160 The Social History of Spain (3)

The course deals with the period since the Reconquest, with emphasis on the crises in religious life, regional integration and class relations, culminating in the civil war of the 20th century.

HIS 162AB History and Civilization of Latin America (3,3)

A. Latin American Civilization
A survey of pre-Columbian and Latin American social and cultural history, with stress on the values and institutions which have created modern society in the Latin American world.
B. Latin American Nations
A study of selected major nations of topical interest and of the role of the revolution, military dictatorship, and reform as vehicles of modernization. May be repeated with the consent of the instructor.

HIS 165AB/265AB History of the Spanish-Speaking Peoples of the United States (3,3)

A. Latin American Culture
A survey of the indigenous civilizations, the influence of Spain and of the modern impact of the United States, with stress on the social and cultural changes in Mexico which have caused migration northward. Reference to the history of other nations which have representation in Southern California.
B. The Spanish-Speaking Peoples in the United States
A study of the Spanish-speaking peoples in the United States today. The history, contemporary status, and emerging future of the Mexican Americans, with attention to the Puerto Ricans, Cubans, and other communities of importance to Southern California.

ican Americans, with attention to the Puerto Ricans, Cubans, and other communities of importance to Southern California.

HIS 170 The Expanding Atlantic Community: The Colonial Era (3)

The study of the founding and of the political, social, and economic history of the thirteen colonies and their neighbors, with attention to European backgrounds.

HIS 171 U.S.: Revolutionaries and Constitutionalists (3)

The American Revolution, Confederation, and union under the Constitution; the social, economic, and cultural development of the United States to 1800.

HIS 172 U.S.: Jeffersonianism and Jacksonianism (3)

The political and social history of the United States from 1801 to 1850; political developments, western settlements, territorial expansion, economic developments, and the roots of intersectional conflict.

HIS 173 U.S. Civil War and Reconstruction Era (3)

Concentration on the causes underlying the outbreak of the conflict between the North and South; the formation of the Confederate States; the war years; reconstruction and its effect on American civilization.

HIS 174 U.S. Industrialism, Populism and Progressive Reform (3)

A study covering the rise of American industrialism in the 1860's through labor trends, the Populist Revolt, Imperialism, and Progressive Reforms of Roosevelt, Taft, and Wilson.

HIS 175 U.S. The Twentieth Century (3)

A study of the twentieth century aspects of American life, national and international problems; the place of the United States in world affairs. Fulfills CPE requirement. May be taken for lower division credit.

HIS 176 The American Democratic Republic (3)

This course emphasizes the historical development of the United States as illustrated in the federal and state constitutions, the courts, and the legislature; the power of the executive as policy maker; the development of foreign policy. Fulfils CPE requirement; not generally accepted as part of the history major. May be taken for lower division credit.

HIS 178 Diplomatic History of the United States (3)

A survey of the factors entering into the formation and the carrying out of American foreign policy, with emphasis on twentieth century developments and post World War II problems.

HIS 179 Constitutional History of the United States (3)

The evolution of the fundamental characteristics and trends in American Constitutional development with emphasis on contemporary problems. Fulfills CPE requirement. Consent of instructor necessary for non-majors and non-minors.

HIS 181 The American West (3)

A consideration of the special problems in American history resulting from the impact of civilization on an open frontier. The Turner thesis is examined and the particular characteristics and contributions of the fur-trading, mining, cattle, and farming frontiers are studied.

HIS 188 California History (3)

The social, economic, cultural, and institutional development of California through the Spanish, Mexican, and American periods; the influence of the development of the Pacific Coast on the United States, nationally and internationally.

HIS 190 Workshop (1-3)

May be repeated for credit.

HIS 197ABC Readings in Historical Literature (1-3)

Individual programs of reading on significant

historical topics or fields. Designed to acquaint the student with pertinent books of the past and present. Limited to majors in history.

HIS 198 Historiography (3)

An introduction to the most significant historians and historical works. Evaluation of representative historians, including their (1) philosophy of history, (2) methods of gathering information, (3) use and criticism of sources, (4) credibility, and (5) artistic presentation. Required of history majors in the senior year.

HIS 208ABCD Seminar: Selected Historical Problems or Topics (3,3,3,3)

Particular area or subject announced in the schedule.

HIS 254ABCD Seminar: Selected Areas of European History (3,3,3,3)**HIS 262AB Seminar: Latin American History (3,3)****HIS 270ABCD Seminar: U.S. History (3,3,3,3)****HIS 293 Problems in Methods and Techniques of Teaching History and the Social Studies (3)**

Required for MAT in history. Includes methods and techniques but emphasizes comprehension, organization and presentation of materials together with bibliography, with attention to integrated role of the social sciences in the teaching process.

HIS 295 Guidance and Preparation for the M.A.T. Examination (0)

HUMAN SERVICES PROGRAM

The Human Services Program is designed to reflect opportunities for career development particularly suited to today's needs. It combines professional skills with a philosophy of concern. Based in a liberal arts setting, the program provides a broad view of human needs and teaches students how to respond with compassion. Courses enable graduates to work successfully in growing, vitally-needed and people-related professions offering interaction with others and excellent chances for advancement. Within the Human Services Program the following options are available:

- A.A. degree in Physical Therapist Assistant
- A.A. degree in Respiratory Therapy
- B.S. degree in Respiratory Therapy
- B.A. degree in Gerontology
- B.S. degree in Health Services Administration

B.S. degree in Physical Therapy

Each of these options is listed alphabetically in this bulletin.

HSP 94 Concepts and Issues in Gerontology

(3)

An examination of the current issues and trends operative in society today with an emphasis on their effects on the quality of life of the aging American.

HSP 110 Health Services Internship

(3)

Work experiences in health-care facility in coordination with student's health administration interests. Students increase their applied knowledge and understanding of management of health-care institutions by analyzing and evaluating their experiences at seminar sessions with fellow students and the coordinator of health services faculty.

HSP 111 Management of Health Services

(3)

Study of special problems which a manager encounters in the administration of health services programs. Business methods of hospital administration, management of physical therapy, respiratory therapy, and nursing departments, administration of nursing-care facilities. *Prerequisite: This course is open only to Health Services Administration, Nursing, and Business majors unless written consent of the department chairperson is obtained.*

HSP 196 Thanatology Seminar

(3)

A multi-discipline approach to death and dying. Some foci will be literary themes and philosophical and religious questions which deal with personal and cultural attitudes toward death and the biological aspects of the dying process.

JOURNALISM

Departmental Affiliation: English***JRN 8AB Journalism**

(3,3)

Individualized instruction and practice in various forms of journalistic writing; news, interpretation, features, opinion.

***JRN 9 Journalism Workshop**

(1-3)

View practicum; not applicable to English major.

THE LIBERAL ARTS PROGRAM (A.A. DEGREE)

The associate degree in Liberal Arts allows students to explore many disciplines and to prepare for a later choice of major. Students fulfill Mount St. Mary's College general associate in arts requirements for graduation (See p. 40). The liberal arts program provides a variety of experiences; students have maximum freedom to design their own programs with the assistance of their advisers.

MATHEMATICS

Departmental Affiliation: Physical Science and Math

While offering students an opportunity to study mathematics as part of a liberal education, the mathematics major can also serve as preparation for work in mathematically-based fields such as the computer sciences or statistics, for secondary teaching, or for graduate study.

The B.A. Degree with a Major in Mathematics

Computer Science Emphasis

Preparation:

MTH 3AB	Mathematical Analysis I	(4, 4)
MTH 4AB	Mathematical Analysis II	(3, 3)
MTH 9	Introduction to Computer Processes	(3)
MTH 20	Programming	(3)

Students who can demonstrate their proficiency in any of the above courses may enroll in the next course in the sequence. Students who need further preparation in algebra and elementary functions should take MTH 1AB, College Algebra, before MTH 3A.

Requirements:

MTH 102	Advanced Calculus	(3)
MTH 103	Linear Algebra	(3)
MTH 105	Complex Analysis	(3)
MTH 111	Abstract Algebra	(3)
MTH 113	Probability and Statistics	(3)
MTH 128	Numerical Analysis	(3)
MTH 133	Systems Design and Analysis	(3)
MTH 137	Information Systems Seminar	(3)

Total units in Mathematics: 44

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in Computer Programming

Preparation:

MTH 3AB	Mathematical Analysis I	(4, 4)
MTH 9	Introduction to Computer Processes	(3)
MTH 20	Programming	(3)

Requirements:

Two upper division courses chosen in consultation with the student's adviser from the following:

MTH 153	Intermediate Programming	(3)
BUS 187	Management of a Data-based System	(3)
MTH 113	Probability and Statistics	(3)
MTH 128	Numerical Analysis	(3)
MTH 133	Systems Design and Analysis	(3)
MTH 137	Information Systems Seminar	(3)

The Minor in Mathematics

A minimum of seven courses including the following:

MTH 3AB	Mathematical Analysis I	(4, 4)
MTH 4A	Mathematical Analysis II	(3)
MTH 111	Abstract Algebra	(3)
Three additional upper division courses chosen in consultation with the department.		(9)

Introduction to Computer Programming

Students who want an introduction to the computer should take some or all of the following courses:

MTH 9	Introduction to Computer Processes (no prerequisite)
MTH 20	Programming (prerequisite: MTH 9)
MTH 153	Intermediate Programming (prerequisite: MTH 20)

MTH 1AB College Algebra and Trigonometry (2,2)

Set language and notation, real and complex numbers, fundamental operations, inequalities; polynomial, exponential, and trigonometric functions and their graphs; De Moivre's theorem, permutations, combinations, binomial theorem and mathematical induction.

dents; those having a strong background in mathematics need the consent of the instructor before enrolling.

MTH 3AB Mathematics Analysis I (4,4)

Differential and integral calculus of elementary functions with associated analytic geometry; techniques and applications. *Prerequisite: Three to four years of high school mathematics including trigonometry and a full year of advanced algebra with grades of C or better, or the satisfactory completion of MTH 1AB, College Algebra. Students having some deficiencies in formal high school courses may qualify by obtaining the consent of the department.*

MTH 20 Programming (3)
Programming in BASIC, including structured programming techniques, nested loops, arrays, strings, file manipulation, functions and subroutines. *Prerequisite: MTH 9.*

MTH 4AB Mathematical Analysis II (3,3)

Improper integrals, polar and spherical coordinates with applications, series, multivariable calculus, elementary differential equations. *Prerequisite: MTH 3B.*

MTH 35 Introduction to Biostatistics (3)
An introduction to methods of statistical analysis with special attention to biomedical applications. Topics include sampling, distributions, tests of hypotheses, significance and confidence levels. Not open for upper division credit to mathematics majors.

MTH 9 Introduction to Computer Processes (3)

An introduction to computer processes for the non-mathematics major. Description of the computer, its logical structure and functioning, input-output and storage, peripheral equipment, the data processing cycle, introduction to programming using the BASIC language.

MTH 38 Elements of Probability and Statistics (3)
Elementary probability theory, properties of distributions, sampling, estimation, hypothesis testing, correlation. Not open for upper division credit to mathematics majors.

MTH 10 Mathematical Ideas (3)

Topics in mathematics chosen to illustrate the mathematical way of thinking and to acquaint liberal arts students with mathematics as an art and science. This course is intended primarily for non-mathematically oriented stu-

MTH 50 Modern Mathematics (3)
Sets, numeration systems, properties of integers, rational and real numbers, elementary number theory. This course is intended primarily for elementary teachers. Can be taken for professional credit.

MTH 51 Modern Geometry (3)
Intuitive geometry of lines, planes, and space; congruence, similarity, measurement, geometric constructions; elements of spherical and coordinate geometry. This course is intended primarily for elementary teachers. Can be taken for professional credit.

*MTH 99 Special Studies in Mathematics (1-3)	MTH 113 Probability and Statistics (3)
Independent or group studies in mathematics. Course may be repeated for credit. <i>Prerequisite: Approval of the department and consent of the instructor.</i>	Probability as a mathematical system, random variables and their distributions, limit theorems, statistical applications, hypotheses testing. <i>Prerequisite: MTH 3B.</i>
MTH 102 Advanced Calculus (3)	MTH 128 Numerical Analysis (3)
Set theory, real numbers and their topology, limits, continuity, differentiation and integration theory. <i>Prerequisite: MTH 4B.</i>	Curve fitting, interpolation, numerical integration, solution of algebraic and transcendental equations, numerical solution of differential equations. <i>Prerequisite: MTH 4B.</i>
MTH 103 Linear Algebra (3)	MTH 133 Systems Design and Analysis (3)
Vectors and vector spaces, linear transformations and matrices, determinants, eigenvalues and eigenvectors. <i>Prerequisite: MTH 3B.</i>	Introduction to concepts in analysis, design and utilization of information processing systems. Analysis of algorithms used in manipulating basic information structures. <i>Prerequisite: MTH 3B, MTH 9 or consent of the mathematics staff. (See BUS 155.)</i>
MTH 105 Complex Analysis (3)	MTH 137 Information Systems Seminar (3)
Complex numbers and functions, analytic functions, integration, conformal mapping. <i>Prerequisite: MTH 3B.</i>	Topics chosen from logic design, switching theory, data structures, computer architecture, theory of computation, and programming languages. <i>Prerequisites: MTH 20, MTH 36 or consent of mathematics staff.</i>
MTH 111 Abstract Algebra (3)	MTH 153 Intermediate Programming (3)
Numbers and number systems, groups, rings, fields; homomorphism and isomorphism theorems. <i>Prerequisite: MTH 3B.</i>	Programming in FORTRAN and COBOL. Emphasis on problem solving with applications from both scientific and business areas. Introduction to the concepts of machine language programming. <i>Prerequisite: MTH 20.</i>

MUSIC

The music major is a program combining individual instruction, solo and ensemble performance, with classroom study, discussions and lectures, all carefully designed to provide a wide range of musical learning and experience.

Two degrees are offered. The B.A. degree offers preparation in music for students desiring a thorough knowledge of music for teaching, research, performance, personal enjoyment, or cultural development. The total curriculum includes two-thirds of the studies in the liberal arts, and one-third in music.

The B.M. degree is a broad basic preparation for students intending a career in music as performing artists, conductors, composers, scholars, teachers or church musicians. The total curriculum includes one-third of the studies in the liberal arts, and two-thirds in music.

In addition, the Music Department offers a Certificate program for persons wishing to pursue music leadership roles in parishes. Essentially a two year program, it serves as the basis for baccalaureate degree, should the student wish to complete such a degree.

The music minor is available to interested students by completing at least 21 units as indicated. Students interested in music as an elective may participate in various offerings of the Music Department including performance classes, individual instruction, or in the study of music as an art.

Requirements for Admission as a Music Major or Minor:

1. Audition showing potential in the field of performance.
2. Theory examination for placement purposes.
3. Interview with chairperson and other faculty members.
4. Recommendations which indicate enthusiasm, motivation, and interest.

The B.A. Degree with a Major in Music**Applied Music Emphasis****Prerequisites:**

See requirements for admission as a music major or minor.

Core Courses:

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship I	(3,1)
MUS 5AD	Music Literature Repertoire	(1/2,1/2)
MUS 8E	Piano Class	(1)
	Required of all but keyboard majors. Every student must pass the piano proficiency examination before graduation. Only three units of piano class may be taken for credit.	
MUS 15	Applied Music — At least one unit every semester	
MUS 105	Music Literature	
MUS 124AB	Repertoire (2 semesters)	(1/2,1/2)
	Surveys of the History and Literature of Music	
MUS 133A	Music Analysis	(2)
MUS 139A	Instrumental conducting	(2)
MUS 140A	Choral Techniques	(2)

Requirements:

MUS 115	Applied Music — at least 9 units	
	Half-length recital	
MUS 122A	Ensemble/coaching	(1)
MUS 141, 142AB, 143AB, 144	Period Surveys of the History and Literature of Music. Any one course.	(3)
MUS 151	Pedagogy	(2)

For the special needs of the individual, the department may substitute other courses for these music requirements. See also additional requirements for the B.A. and B.M. degrees.

Total units in music: approximately 45

Plus general studies requirements and electives totaling 129 units, including foreign language requirement.

The B.A. Degree with a Major in Music

Music Education Emphasis

Prerequisites:

See requirements for admission for a music major or minor.

Core Courses:

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship I	(3, 1)
MUS 5AD	Music Literature Repertoire	($\frac{1}{2}$, $\frac{1}{2}$)
MUS 8E	Piano Class	(1)
	Required of all but keyboard majors, every student must pass the piano proficiency examination before graduation. Only three units of piano class may be taken for credit.	
*MUS 15	Applied Music — At least one unit every semester	
MUS 105	Music Literature	
	Repertoire (2 semesters)	($\frac{1}{2}$, $\frac{1}{2}$)
MUS 124AB	Surveys of the History and Literature of Music	(3,3)
MUS 133A	Music Analysis	(2)
MUS 139A	Instrumental conducting	(2)
MUS 140A	Choral Techniques	(2)

Requirements:

MUS 7	Voice Class	(1)
MUS 26	Brass Instruments	(1)
MUS 27	Woodwind Instruments	(1)
MUS 28	Percussion Instruments	(1)
MUS 29	String Instruments	(1)
MUS 147A	Seminar in Music Education	(3)
MUS 147B	Seminar in Music Education	(3)
or		
MUS 147C	Seminar in Music Education	(3)

Recommended supplementary Courses:

Minimum 3 units

MUS 116	Development of Jazz	(1,2)
MUS 146M	Special Projects in Music	(1,3)

For special needs of the individual, the department may substitute other courses for these music requirements.

See also additional requirements for the B.A. and B.M. degree.

Total units in music: approximately 45

Plus general studies requirements and electives totaling 129 units, including foreign language requirement.

The B.A. Degree with a Major in Music

Music History Emphasis

Prerequisites:

See requirements for admission as a music major or minor.

Core Courses:

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship I	(3, 1)
MUS 5AD	Music Literature Repertoire	(½,½)
MUS 8E	Piano Class	(1)
*MUS 15	Required of all but keyboard majors. Every student must pass the piano proficiency examination before graduation. Only three units of piano class may be taken for credit.	
MUS 105	Applied Music — At least one unit every semester	
MUS 124AB	Music Literature Repertoire	(½,½)
MUS 133A	Surveys of the History and Literature of Music	(3,3)
MUS 139A	Music Analysis	(2)
MUS 140A	Instrumental conducting	(2)
	Choral Techniques	(2)

Requirements:

MUS 141, 142AB, 143AB, 144	Period Surveys of the History and Literature of Music.	
MUS 146M	Choice of any two courses Special Projects in Music	(3,3)

For the special needs of the individual, the department may substitute other courses for these music requirements. See also additional requirements for the B.A. and B.M. degrees.

Total units in music: approximately 45

Plus general studies requirements and electives totaling 129 units, including foreign language requirement.

The B.A. Degree with a Major in Music

Music Theory Emphasis

Prerequisites:

See requirements for admission as a music major or minor.

Core Courses:

MUS 1AB	Musicianship I	(3, 1)
MUS 1CD	Musicianship I	(3,1)
MUS 5A	Music Literature Repertoire	(½,½)
MUS 8E	Piano Class	(1)
	Required of all but keyboard majors. Every student must pass the piano proficiency examination before graduation. Only three units of piano class may be taken for credit.	
*MUS 15	Applied Music — At least one unit every semester	
MUS 105	Music Literature	
	Repertoire	(½,½)
MUS 124AB	Surveys of the History and Literature of Music	
MUS 133A	Music Analysis	(3,3)
MUS 139A	Instrumental conducting	(2)
MUS 140A	Choral Techniques	(2)

Requirements:

MUS 2AB	Musicianship II	(3,1)
MUS 134A	Orchestration	(2)
MUS 136	Technique of Arranging	(2)
MUS 138	Advanced Musicianship	(2)

For the special needs of the individual, the department may substitute other courses for these music requirements. See also additional requirements for the B.A. and B.M. degrees.

Total units in music: approximately 45

Plus general studies requirements and electives totaling 129 units, including foreign language requirement.

The Bachelor of Music Degree**Church Music Emphasis****Prerequisites:**

See requirements for admission as a music major or minor.

Core Courses:

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship I	(3,1)
MUS 2AB	Musicianship II	(3,1)
MUS 2CD	Musicianship II	(3,1)
MUS 5ABCD	Music Literature Repertoire	(½,1½,1½,½)
	5B and 5C segment may be passed by examination	
MUS 8E	Piano Class	(1)
	Required of all but keyboard majors. Every student must pass the piano proficiency examination	

	tion before graduation. Only three units of piano class may be taken for credit.	
*MUS 15	Applied Music — each term	
MUS 105	Music Literature Repertoire — required each term in upper division	($\frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}$)
MUS 124AB	Surveys of the History and Literature of Music	(3,3)
MUS 132A	Counterpoint	(2)
MUS 133AB	Music Analysis	(2,2)
MUS 134A	Orchestration	(2)
MUS 138	Advanced Musicianship	(2)
MUS 139A	Instrumental Conducting	(2)
MUS 140A	Choral Techniques	(2)
MUS 141, 142A, 142B, 143A, 143B, 144	Period Surveys of the History and Literature of Music. Any two courses	(3,3)

Requirements:

MUS 10	Music and Worship	(3)
MUS 112	Music Ministry	(3)
MUS 136	Technique of Arranging	(2)
MUS 146D	Special Project in Music	(3)
MUS 148	Church Music Literature	(1,3)
MUS 157	Seminar in Church Music	(2)

At least two semesters of a second instrument or voice. (1,1)

For the special needs of the individual, the department may substitute other courses to fulfill music requirements. See also additional requirements for the B.A. and B.M. degrees.

Total units in music: approximately 88

Plus general studies requirements and electives totaling 133 semester units.

The Bachelor of Music Degree

Music Education Emphasis

Prerequisites:

See requirements for admission as a music major or minor.

Core Courses:

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship I	(3,1)
MUS 2AB	Musicianship II	(3,1)
MUS 2CD	Musicianship II	(3,1)
MUS 5ABCD	Music Literature Repertoire	($\frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}$)
	5B and 5C segment may be passed by examination	
MUS 8E	Piano Class	(1)
	Required of all but keyboard majors. Every stu-	

dent must pass the piano proficiency examination before graduation. Only three units of piano class may be taken for credit.

*MUS 15	Applied Music — each term	
MUS 105	Music Literature Repertoire — required each term in upper division	($\frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}$)
MUS 124AB	Surveys of the History and Literature of Music	(3,3)
MUS 132A	Counterpoint	(2)
MUS 133AB	Music Analysis	(2,2)
MUS 134A	Orchestration	(2)
MUS 138	Advanced Musicianship	(2)
MUS 139A	Instrumental Conducting	(2)
MUS 140A	Choral Techniques	(2)
MUS 141, 142AB, 143AB, 144	Period Surveys of the History and Literature of Music. Any two courses	(3,3)

Requirements:

MUS 7	Voice Class**	(1)
MUS 26	Brass Instruments	(1)
MUS 27	Woodwind Instruments	(1)
MUS 28	Percussion Instruments	(1)
MUS 29	String Instruments	(1)
MUS 116	Development of Jazz	(1)
MUS 136	Technique of Arranging	(2)
MUS 146M	Special Projects in Music	(1-3)
MUS 147A	Seminar in Music Education	(3)
MUS 147B	Seminar in Music Education	(3)
or		
MUS 147C	Seminar in Music Education	(3)

One course from the following:

MUS 154	The Art of Teaching Choral Music	(2)
MUS 155	Teaching Music Theory	(2)
MUS 156	Teaching Music Literature	(2)

**If voice is not principal instrument. Every student must pass a proficiency test in voice if this is not his or her principal instrument.

For the special needs of the individual, the department may substitute other courses to fulfill music requirements. See also additional requirements for the B.A. and B.M. degrees.

Total units in music: approximately 88

Plus general studies requirements and electives totaling 133 semester units.

The Bachelor of Music Degree

Music History and Literature Emphasis

Prerequisites:

See requirements for admission as a music major or minor

Core Courses:

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship I	(3,1)
MUS 2AB	Musicianship II	(3,1)
MUS 2CD	Musicianship II	(3,1)
MUS 5ABCD	Music Literature Repertoire 5B and 5C segment may be passed by examination	($\frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}$)
MUS 8E	Piano Class Required of all but keyboard majors. Every student must pass the piano proficiency examination before graduation. Only three units of piano class may be taken for credit.	(1)
*MUS 15	Applied Music — each term	
MUS 105	Music Literature Repertoire — required each term in upper division	($\frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}$)
MUS 124AB	Surveys of the History and Literature of Music	(3,3)
MUS 132A	Counterpoint	(2)
MUS 133AB	Music Analysis	(2,2)
MUS 134A	Orchestration	(2)
MUS 138	Advanced Musicianship	(2)
MUS 139A	Instrumental Conducting	(2)
MUS 140A	Choral Techniques	(2)
MUS 141, 142A, 142B, 143A, 143B, 144	Period Surveys of the History and Literature of Music. Any two courses	(3,3)

Requirements:

MUS 141-144	Two additional Period Surveys of the History and Literature of Music	(3,3)
MUS 145A	Seminar in Music History and Literature	(3)
MUS 146C,M	Special Projects in Music	(2,2)
MUS 116	Development of Jazz	(1,2)

For the special needs of the individual, the department may substitute other courses for these music requirements. See also additional requirements for the B.A. and B.M. degrees.

Total units in music: approximately 45

Plus general studies requirements and electives totaling 129 units.

The Bachelor of Music Degree

Performance Emphasis

Prerequisites:

See requirements for admission as a music major or minor

Core Courses

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship I	(3,1)
MUS 2AB	Musicianship II	(3,1)
MUS 2CD	Musicianship II	(3,1)
MUS 5ABCD	Music Literature Repertoire 5B and 5C segment may be passed by examination	($\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$)
MUS 8E	Piano Class Required of all but keyboard majors. Every student must pass the piano proficiency examination before graduation. Only three units of piano class may be taken for credit.	(1)
*MUS 15	Applied Music — each term	
MUS 105	Music Literature Repertoire — required each term in upper division	($\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$)
MUS 124AB	Surveys of the History and Literature of Music	(3,3)
MUS 132A	Counterpoint	(2)
MUS 133AB	Music Analysis	(2,2)
MUS 134A	Orchestration	(2)
MUS 138	Advanced Musicianship	(2)
MUS 139A	Instrumental Conducting	(2)
MUS 140A	Choral Techniques	(2)
MUS 141, 142A, 142B, 143A, 143B, 144	Period Surveys of the History and Literature of Music. Any two courses	(3,3)

Requirements:

MUS 122AB	Ensemble/Coaching	(1,1)
MUS 145A	Seminar in Music History and Literature	(3)
MUS 146A or MUS 146B	Special Projects in Music	
MUS 151	Special Projects in Music Pedagogy	(1,3) (2)

Voice students study two languages. One course in diction is recommended.

Half-length junior recital

Full-length senior recital

For the special needs of the individual, the department may substitute other courses to fulfill music requirements. See also additional requirements for the B.A. and B.M. degrees.

Total units in music: approximately 88

Plus general studies requirements and electives totaling 133 semester units.

The Bachelor of Music Degree

Theory and Composition Emphasis

Prerequisites:

See requirements for admission as a music major or minor

Core Courses:

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship I	(3,1)
MUS 2AB	Musicianship II	(3,1)
MUS 2CD	Musicianship II	(3,1)
MUS 5ABCD	Music Literature Repertoire 5B and 5C segment may be passed by examination	($\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$)
MUS 8E	Piano Class Required of all but keyboard majors. Every student must pass the piano proficiency examination before graduation. Only three units of piano class may be taken for credit.	(1)
*MUS 15	Applied Music — each term	
MUS 105	Music Literature Repertoire — required each term in upper division	
MUS 124AB	Surveys of the History and Literature of Music	($\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$)
MUS 132A	Counterpoint	(3,3)
MUS 133AB	Music Analysis	(2)
MUS134A	Orchestration	(2,2)
MUS 138	Advanced Musicianship	(2)
MUS 139A	Instrumental Conducting	(2)
MUS 140A	Choral Techniques	(2)
MUS 141, 142A, 142B, 143A, 143B, 144	Period Surveys of the History and Literature of Music. Any two courses	(2)
		(3,3)

Requirements:

MUS 26	Brass Instruments	(1)
MUS 27	Woodwind Instruments	(1)
MUS 28	Percussion Instruments	(1)
MUS 29	String Instruments	(1)
MUS 132B	Counterpoint	(2)
MUS 134B	Orchestration	(2)

MUS 135	Composition each term plus recital	(1,3)
MUS 136	Technique of Arranging	(2)
MUS 146N	Special Projects in Music	(3)

For the special needs of the individual, the department may substitute other courses to fulfill music requirements. See also additional requirements for the B.A. and B.M. degrees.

Total units in music: approximately 88

Plus general studies requirements and electives totaling 133 semester units.

Additional requirements for the B.A. and B.M. degrees:

1. Attendance at department-sponsored recitals, concerts, lectures.
2. Participation in at least one major ensemble every semester.
3. Evidence of academic and musical maturity prior to admission to junior standing.
4. Participation as a performer in student recitals, coaching sessions, and jury examinations in major instrument.

The Minor in Music

Prerequisites:

See requirements for admission as a music major or minor

Requirements:

A minimum of 21 units including:

MUS 1AB	Musicianship I	(3,1)
MUS 1CD	Musicianship II	(3,1)
MUS 5BC	Music Literature Repertoire	(3)
MUS 6		
or		
MUS 124A or B	Surveys of the History and Literature of Music	(3)

MUS 1AB;CD Musicianship I (3,1;3,1)
(Harmony — 3; Solfege — 1) Lecture and laboratory, five hours each week for two semesters. A functional study of the theoretical aspects of music including scales, modes, intervals, two- and three-part counterpoint, and elements of harmony up to the chord of the seventh. Development of aural, visual, singing, writing, and playing skills in notation, scales, modes, rhythm, and melodic and harmonic intervals.

of aural, visual, singing, writing, and playing skills in compound intervals, chromatic and atonal melodies, chromatic harmonies, modulation, and more complex meters and rhythms.

MUS 3 Ear Training for Singers (1)
Designed for persons interested in learning tonal perception and sight singing for choirs, voice lessons, or personal enrichment.

MUS 2AB;CD Musicianship II (3,1;3,1)
(Harmony — 3; Solfege — 1). Lecture and laboratory, five hours each week for two semesters. Continuation of Musicianship I, including ninth, eleventh, and thirteenth chords, chromatic harmony and modulation. Development

MUS 4 Guitar Class (1)
Class instruction in the basic technique and performance of the guitar, development of music reading skills and appropriate repertoire. Students must provide their own instru-

ment. Class is open to both music and non-music majors on beginning and intermediate levels. May be repeated for credit.

MUS 5ABCD Music Literature

Repertoire (1/2,1 1/2,1 1/2,1/2)

Study of the masterpieces of music through performances, concert attendance, lectures, and systematic guided listening. Required of all lower division music majors. (5B and 5C segments may be passed by examination)

MUS 6 Introduction to the Art of Music (3)

A course which explores the art of music from a variety of avenues in order to heighten awareness, understanding and appreciation of this art. Emphasis on the development of music as it reflects the times and cultures from ancient Greece to the present. Designed for non-music majors.

MUS 7 Voice Class (1)

Study of fundamental techniques of breath control, tone production, diction, and interpretation. Development of appropriate repertoire. Open to both music (other than voice major) and non-music majors. May be repeated for credit.

MUS 8ABCDE Piano Class (1,1,1,1,1)

A,B. Class instruction in the development of fundamental keyboard skills. A learning experience through performance of easy to early intermediate level piano music, designed for non-music majors.

C,D. Class instruction in keyboard skills emphasizing creativity and the ability to harmonize and accompany pop tunes, show tunes, folk melodies, etc. Designed for the non-music major. *Prerequisite: ability to read treble clef.*

E. A functional approach to keyboard skills including the ability to accompany a melody, facility in sight reading and the performance of intermediate level piano literature. Designed for non-keyboard music majors. Only 3 units of piano class may be taken for credit.

MUS 9 Organ Class (1)

Class instruction in fundamental techniques, registration and performance. *Prerequisite: Sufficient piano technique to play Bach Two-Part Inventions and easier Mozart and Beethoven Sonatas. May be repeated for credit.*

MUS 10 Music and Worship (3)

A survey of the history of ritual, and the role music has played in the major liturgies throughout the centuries, with emphasis on the present.

***MUS 13 Applied Music (1-3)**
Private instruction — instrumental or vocal. For non-music majors. May be repeated for credit.

***MUS 15 Applied Music (1-4)**

Private instruction — instrumental or vocal. For music majors. May be repeated for credit.

***MUS 19 Mount Chorus (1)**

Study and performance of masterpieces of choral literature from all periods for women. Open to all college students, members of the community, and to qualified high school students with senior standing. May be repeated for credit.

***MUS 20 Mount Chamber Orchestra (1)**

Study and performance of chamber orchestra literature of all periods. *Prerequisite: Consent of instructor.* May be repeated for credit.

***MUS 21 Mount Singers (1)**

Study and performance of masterpieces of choral literature from all periods. Open to men and women college students, members of the community, and to qualified high school students with senior standing by audition. May be repeated for credit.

***MUS 23 Chamber Music (1)**

Study and performance of chamber music for various instrumental and/or vocal combinations. May be repeated for credit. *Prerequisites: Consent of the instructor.*

MUS 26 Brass Instruments: Introductory Techniques (1)

Elementary instruction and techniques, care of instruments and survey of methods.

MUS 27 Woodwind Instruments: Introductory Techniques (1)

Elementary instruction and techniques, care of instruments and survey of methods.

MUS 28 Percussion Instruments: Introductory Techniques (1)

Elementary instruction and techniques, care of instruments and survey of methods.

MUS 29 String Instruments: Introductory Techniques (1)

Elementary instruction and techniques, care of instruments and survey of methods.

MUS 31 Music and Movement for the Young Child (3)
 An introduction to the conceptual structure of music and the initial preparation for the instruction of children eight years and younger. Emphasis is placed on rhythm, melody, style, movement, use of instruments, and the relation of music to the different stages of child development.

MUS 94 Study/Travel (1-6)

MUS 105 Music Literature Repertoire (1/2)
 Study of the masterpieces of music through performance coaching, concert attendance, and occasional lectures on special subjects and topics of current interest. Required each semester of all upper division B.M. majors.

MUS 112 Music Ministry (3)

An examination of the role and responsibility of the music minister within the parish structure. Study of legislation governing the use of music in the church as well as administrative practices conducive to a successful music program.

MUS 114 Voice Literature (2)

Survey of selected masterpieces of music written for solo voice throughout the centuries.

MUS 116 Development of Jazz (1-2)

An introduction to the nature, process, and history of jazz.

MUS 117 Vocal Development (2)

Study of various approaches to vocal technique. Demonstration of various timbres and voice qualities. Survey of vocalises and song literature for the developing voice. Fundamentals of stage presence.

MUS 118 The Musical Theater Repertoire (1-3)

Study and performance of works from the musical theater repertoire. Brief history of the American musical theater. Open to music majors and non-music majors with the consent of the instructor. May be repeated for credit.

MUS 122 Ensemble/Coaching (1)

Study and performance of significant keyboard and vocal ensembles. May be repeated for credit. *Prerequisite: Consent of instructor.*

MUS 124AB Surveys of the History and Literature of Music (3,3)
 Development of compositional forms and styles viewed from the historical perspective. A. Antiquity to the year 1750. B. 1750 to the present.

MUS 125 Music Masterpieces (3)
 Study of selected masterpieces of music in historical context. For the non-music major. *Prerequisite: MUS 6 or consent of instructor.*

MUS 130 Creative Music Experience (3)
 An introduction to the conceptual structure of music. Emphasis is placed on rhythm, melody, creativity, style, and harmony. This course serves as basic preparation for the elementary and intermediate school instructor. It includes instruction on melodic and percussion instruments, observation and participation, and programmed instruction in fundamentals. *Prerequisite: MUS 6 or adequate background.*

MUS 132AB Counterpoint (2,2)
 A. Writing and analysis of pieces in eighteenth-century style for two and three voices. B. Continuation of the above. Four and five voices, canon, and fugue. Private instruction.

MUS 133AB Music Analysis (2,2)
 A. A study of the forms found in Classical period music: motive, phrase, period, song form, rondo, theme and variation, and sonata. B. A study of the forms found in the music of the Renaissance, Baroque, Romantic and Contemporary periods.

MUS 134AB Orchestration (2,2)
 A. Designed to provide facility in writing for various instrumental combinations. Techniques, analysis and use of the orchestra by the composers of the 18th, 19th, and 20th centuries. Includes ranges, tonal possibilities, technical limitations. B. Advanced orchestration to be taken in private sessions with instructor.

MUS 135 Composition (1-3)
 Analysis and composition of music in various styles, forms, and instrumental and/or vocal combinations. May be repeated for credit.

MUS 136 Technique of Arranging (2)
 Study of arranging techniques for various choral and instrumental ensembles, including accompaniments, descants, special effects, choral style voicing, contrapuntal and mixed voicing. *Prerequisites: MUS 1ABCD, 132A, 133.*

MUS 137 Diction for Singers (2-3)
The fundamentals of phonetics and sound production in Italian, French and German as applied to singing.

MUS 138 Advanced Musicianship (2)
Analysis and techniques used in contemporary music. Comprehensive study of twentieth century harmony, and writing of music in contemporary style.

MUS 139AB Instrumental Conducting (2,2)
A. Study of baton technique, score reading, and interpretation of orchestral literature.
B. Special problems in the interpretation of instrumental literature.

MUS 140AB Choral Techniques (2,2)
A. Study of baton technique, score reading and interpretation of choral literature of various styles.
B. Special problems in the interpretation of choral literature from the sixteenth century to the present.

MUS 141-144 Period Surveys of the History and Literature of Music from Ancient Times to the Present

Elementary principles of performance practice, the evolution of notation and music theory, contextual study and analysis of representative works.

141	Ancient and Medieval Music	(3)
142A	Renaissance Music	(3)
142B	Baroque Music	(3)
143A	Music of the Classic Era	(3)
143B	Nineteenth Century Music	(3)
144	Music of the Twentieth Century	(3)

MUS 145AB Seminars in Music History and Literature (3,3)

Special studies in a single formal genre or representative composers.

MUS 146 Special Projects in Music (1-3)
A. Vocal Literature
B. Instrumental Literature
C. Music History and Literature
D. Church Music
E. Theory and Composition
F. Music Education
G. Musicianship
H. Chamber Music
I. Choral Music
J. Music Therapy
K. Conducting

L. Special Subject
M. Music in Non-Western Cultures
N. Electronic Media

MUS 147ABC Seminar in Music Education (3-3-3)

Overview of the organization of music in the schools. Scheduling, length, and content of music offerings. Consideration of general music classes, chorus, glee clubs, orchestras, bands, ensembles, theory, music literature, and humanities. Observation and some supervised teaching.

A. Emphasis on the total school music program.
B. Emphasis on the Elementary School music program.
C. Emphasis on the Secondary School music program.

MUS 149 Research Projects in Music Education (1-3)

Investigation of specific areas chosen by the student and related to music teaching in the schools.

MUS 150 Accompanying (1)

Study of the art of accompanying instrumentalists and vocalists as soloists and in small and large ensembles. May be repeated for credit.

MUS 151ABC Pedagogy: Principles and Methods (2,2,2)

Analysis and comparison of various procedures for beginning and intermediate instruction. Approaches to the art of teaching. Review of materials. Guided teaching incorporated.

A. Keyboard
B. Vocal
C. Instrumental

MUS 152 Service Playing (1-2)

Study of the principles of effective hymn playing, and accompaniment of choir, cantor, congregation. Further study of improvisation and transposition.

MUS 153 Church Music Literature (1-3)

Survey of repertory for choir, organ, cantor, folk music groups; study of psalmody, Mass settings, acclamations, hymns throughout history, with emphasis on the present.

MUS 154 The Art of Teaching Choral Music (1-2)

Organizational aspects of choral groups in church and schools. Study of rehearsal and performance techniques, voice production and repertoire for various groups.

MUS 155 Teaching Music Theory (2)
The study, practice, and evaluation of various pedagogical approaches to music theory. Evaluation of text and teaching materials.

MUS 156 Teaching Music Literature (2)
The study, practice, and evaluation of various pedagogical approaches to music literature. Evaluation of texts and teaching materials.

MUS 157 Seminar in Church Music (2)
Special studies in a single formal genre, historical period, or representative composer of church music.

MUS 159 Music of Women Composers (1-2)
An overview of "herstory" in music from the twelfth century to the present. Includes a study of the lives of women composers, educational and sociological barriers affecting women's contributions to music, and pertinent scores and recordings.

MUS 160 Interpretation of Renaissance Choral Music (1-2)
Study, analysis, and performance of choral literature from the golden age of polyphony.

MUS 162 Folk Music of Europe and America (2)
Exploration of the treasury of folk music from selected European countries and America.

MUS 163 American Music From Imitation to Creation (3)
A survey of the development of American music as it reflects the time and place of its creation.

MUS 164 Music and Life (3)
Music, as it contributes to the quality of life and continued personal growth of the aging adult. *Prerequisite: MUS 6.*

MUS 165 Business in Music (3)
A seminar explaining music merchandising, radio and television industry, publishing, performance management, recording, and other areas of the music industry.

MUS 166 Music in Non-Western Cultures (2)
A survey of music in the life and culture of the non-western world; examination of theoretical aspects of non-western music, instruments, forms, and performance.

MUS 167 Organ Literature (2)
Survey of selected masterpieces of organ literature throughout the centuries.

MUS 190 Workshop (1-3)
May be repeated for credit.

NURSING

The college offers two nursing programs: an associate degree and a baccalaureate degree. Both are based on the Roy Adaptation Model.

The Associate Degree Program

The associate degree program offers a two-year course in nursing which combines general studies and clinical nursing courses during both years. The content of nursing courses is based upon the Roy Adaptation Model of nursing. All students in the nursing program must be enrolled as full-time students. Upon completion of the program, the student is granted the Associate in Arts degree and is eligible to write the licensing examinations to practice as a registered nurse and to use the title R.N.

In addition to meeting the general admission requirements, acceptance into the Department of Nursing is determined by the admission committee of the department. Admission is based upon a consideration of the student's academic achievement, health, and aptitude for the nursing profession. There is a formal review of the student's high school record and grade point average, College Entrance Examination scores, previous college experience (if any), letters of recommendation and interview.

In order to be eligible for review, applicants must have achieved a minimum of 2.5 (C+) grade point average in high school. Students who intend to major in nursing are required to take two high school laboratory science courses, including chemistry and either physics or a biological science. Students who have had previous college experience must also have achieved a 2.5 cumulative grade point average. Ordinarily credit will be given for Anatomy and Physiology taken within the last five years.

LVNs from accredited post-secondary programs who have completed the general studies requirements of the first year may challenge first year nursing courses and move directly into the second year.

The course NUR 40 is taken prior to beginning the second year course.

The faculty of the Department of Nursing has the right and the responsibility for judging and evaluating the quality of the student's achievement, both in the mastery of theoretical content and in clinical competence. Mid-term warning, probation or disqualification may be used when deemed necessary. Disqualification from the nursing program will occur when a student receives a "D" or "F" in a nursing course or a course required by the department, i.e., Anatomy and Physiology, Microbiology, Nutrition, Sociology, and Psychology. If a student's level of clinical practice is unsatisfactory or unsafe, the student may be disqualified before the end of the semester. In the event of unsatisfactory performance which could result in the student's disqualification, the student's record is reviewed by the faculty before a final evaluation is made and action taken. Reinstatement will be granted only by special action of the admission committee of the Nursing Department.

A student will bring a written report of a chest X-Ray, up-dated immunizations, and a physical examination done in the late spring or summer preceding the first clinical assignment, and another before beginning the second clinical year of the program. Prior to beginning first year nursing courses, students will complete an approved course in cardiopulmonary resuscitation.

During the clinical portion of the program, students must carry malpractice insurance obtained through the Student Nurse Association of California.

The A.A. Degree with a Specialization in Nursing

Requirements:

Freshman Year

BIO 41AB	Human Anatomy and Physiology	(4,4)
CST 10	Human Nutrition	(3)
PSY 1	General Psychology	(3)
ENG 10A	Communication Skills	(3)
ENG 11	Communication Skills for the Medical Profession	(3)
NUR 20	Introduction to Medical Science	(3)
NUR 21AB	Nursing Science Theory I	(2,2)
NUR 24AB	Nursing Practicum I	(4,4)

Sophomore Year

BIO 3	General Microbiology	(4)
—	Humanities Course	(3)
RST	Religious Studies	(3)
SOC 5	Sociological Perspectives	(3)
NUR 30ABCD	Medical Science	(1½,1½,1½,1½)
NUR 31ABCD	Nursing Science Theory II	(1,1,1,1)
NUR 33ABCD	Professional Practicum	(2½,2½,2½,2½)
NUR 38	Issues in Health Care	(2)

Total units in Nursing: 37

Baccalaureate Program

The baccalaureate degree program offers professional education in nursing based upon the Roy Adaptation Model of nursing. In the standard program two years of study are spent on the college campus pursuing liberal arts and pre-professional studies. During the last two years the student completes the courses of the nursing major, including clinical experience, as well as the remainder of the general studies requirements and electives.

Upon the completion of the degree requirements the graduate is eligible to take the California State Board examination for registered nurse (R.N.) licensure. The graduate is also qualified for the Public Health Nursing Certificate issued by the California Department of Public Health.

In compliance with California State law an optional three-year program is offered, in which the student completes all pre-nursing requirements in the freshman year, and then enters the two years of the nursing major. After the junior year she may take the California State Board examinations for the registered nurse (R.N.) licensure. The senior year is spent taking liberal arts requirements to qualify for the baccalaureate degree. Since this option involves certain academic and professional risks for the student, special counseling is offered before admission to this program. Additional information on this optional program may be obtained upon request.

Registered nurses enrolled in the baccalaureate program meet the same requirements as those for the basic nursing students. Ordinarily, for courses required by the Nursing Department, credit will be given only for those courses taken within the past fifteen years. Provision is made for R.N. students to receive credit for certain pre-

professional and junior-year nursing courses through "challenge examinations." These are given during the Spring semester. The applicant must be admitted to the College before taking the challenge examinations. One course, NUR 100, Introduction to Professional Nursing, is ordinarily taken in the summer preceding the senior year.

Information for Majors in Nursing

Admission to the Department of Nursing for enrollment in upper division nursing courses is determined by the admission committee of the department in the Spring semester of the sophomore year. The committee acts after consideration of the student's academic achievement, health, and aptitude for the nursing profession. A cumulative grade-point average of at least 2.5 is required, as well as a satisfactory and consistent pattern of grades, showing a mastery of the natural and social sciences and the use of English.

Students who intend to major in nursing must have had two high school laboratory science courses, including chemistry and either physics or a biological science.

Nursing students are required to pass a basic math test before entrance into the clinical nursing program, and to complete an approved course in cardiopulmonary resuscitation.

A student who received a D or F in any course listed under "Preparation" is responsible for repeating the course. Disqualification from the program will occur if a student receives a D or F in a nursing course.

The faculty of the Department of Nursing have the right and the responsibility for judging and evaluating the quality of the student's achievement, both in the mastery of theoretical content and in clinical competence. If a student's level of clinical practice is unsatisfactory or unsafe, the student may be asked to withdraw before the end of the semester. In the event of unsatisfactory performance which could result in the student's disqualification, the student's record is reviewed by the entire team (first or second year) before a final evaluation is made and action taken.

Departmental policy statements regarding grading, mathematical competence, incompletes, probation, absences, disqualification, and readmission to the program are provided for the student at the beginning of the nursing major.

A student will bring a written report of a chest X-ray, up-dated immunizations, and a physical examination completed in the late spring or summer preceding the first clinical assignment, and another before beginning the second clinical year of the program.

During the clinical portion of the program, students must carry malpractice insurance obtained through the Student Nurse Association of California organization.

The B.S. Degree with a Major in Nursing

Preparation:

BIO 3	General Microbiology	(4)
BIO 51AB	Human Physiology and Anatomy	(4,4)
CHE 1AB	General Chemistry	(4,4)
or		
CHE 2	Chemistry of Life	(3)
and		
PHS 1	Scientific Concepts	(3)
PHI 21	Moral Values and Ethical Decisions	(3)
PSY 1	General Psychology	(3)

PSY 2	Psychology of Communication	(2)
PSY 12	Developmental Psychology	(3)
SOC 5	Sociological Perspectives	(3)

Recommendations:

PHI 168B	Bioethics	(2,3)
SPA 9A	Spanish for the Medical Worker	(3)

Requirements:

NUR 5	Introduction to the Roy Adaptation Model	(2)
NUR 134AB	Issues in Health Care	(3,3)
NUR 140AB	Adaptation Nursing Theory I	(2,2)
NUR 141AB	Health-Illness Influencing Factors	(3,3)
NUR 142ABC	Clinical Nursing Process I	(6,3,3)
NUR 150AB	Adaptation Nursing Theory II	(2,2)
NUR 151AB	Adaptation Nursing Application	(3,3)
NUR 152ABC	Clinical Nursing Process II	(7,3½,3½)
CST 10	Human Nutrition	(3)
PSY 168	Abnormal Psychology	(3)

Total units in Nursing: 55

Plus general studies requirements and electives totaling 129 semester units.

NUR 5 Introduction to Roy Adaptation Model (2)

An introduction to the Roy Adaptation Model of nursing which views the person as a bio-psycho-social-spiritual being who copes with stressors during health and illness. Emphasis in this course is on assessment of the adaptation of persons who are well and on identifying the role of the nurse in society. *Prerequisites: PSY 2, B.S. Program.*

of the physiological need areas of man. Offered in the fall semester of the freshman year. A.A. program.

NUR 21B Nursing Science Theory I (2)

Lecture, 2 hours. The continued use of the Roy adaptation model of nursing to identify nursing problems, and its use in selected interventions in physiological, self-concept, interdependence modes and role function. *Prerequisite: NUR 21A.* Offered in the spring semester of the freshman year. A.A. program.

NUR 20 Introduction to Medical Science (3)

Theory basic to diagnosis, treatment, and rehabilitation of persons with common biophysical pathology. Concepts of health and disease as related to the stages of (a) disease foundation and predisease factors, (b) pre-symptomatic disease conditions, (c) symptomatic diseases, and (d) irreversible conditions. Pathology is studied as a disruption in the body's structure, function, and regulatory mechanisms. Pharmacology is taught as related to each pathological process. A.A. program.

NUR 24AB Nursing Practicum I (4,4)

Laboratory, 12 hours. The development and application of the process of assessment, intervention and evaluation using the Roy adaptation model in the care of adult patients who have common health problems. The principles and practice of nursing skills utilized in the plan of therapy, including medications. Selected experience in health agencies. Covers two semesters, freshman year. Taken concurrently with NUR 21AB. A.A. Program.

NUR 30ABCD Medical Science (1½,1½,1½,1½)

Lecture, 1½ hours. An introductory study of the concepts underlying the Roy adaptation model of nursing, the role of nursing in society, interpersonal relationships, and the understanding

of the continued study of the theory basic to prevention of disease, diagnosis, treatment and rehabilitation. Special emphasis on (A) Childbearing Cycle (B) Children (C) Complex Medical or Surgical Disruptions

(D) Mental Health. Pharmacology is taught as related to each pathological process. Offered fall/spring, sophomore year. Taken concurrently with NUR 31ABCD and NUR 33ABCD. Each semester the student must enroll in NUR 33A and B or NUR 33 C and D. A.A. Program.

**NUR 31ABCD Nursing Science,
Theory II (1,1,1,1)**

Lecture, 1 hour. The focus is the bio-psychosocial impact of the health-illness problems related to (A) Childbearing Cycle (B) Children (C) Complex Medical or Surgical Disruptions (D) Mental Health. The Roy adaptation model is used in the assessment, intervention and evaluation process. Offered fall/spring, sophomore year. Each semester the student must enroll in NUR 31A and B or NUR 31C and D. A.A. Program.

**NUR 33ABCD Nursing Practicum
II (2 $\frac{1}{4}$,2 $\frac{1}{4}$,2 $\frac{1}{4}$,2 $\frac{1}{4}$)**

Laboratory. Clinical experience is offered in a variety of settings using the Roy Adaptation Model in dealing with health problems. Offered fall/spring, sophomore year. Each semester the student must enroll in NUR 33 A and B or NUR C and D. A.A. Program.

NUR 33A Practicum:

Childbearing Cycle. Provides clinical experience in prenatal, delivery, and postnatal care, study of the parenting roles, and the health needs of the emerging family groups.

NUR 33B Practicum:

Care of Children. Provides clinical experience in the health-illness problems encountered in the care of children and their families. Growth and development from infancy through adolescence in terms of the Adaptation Theory of Nursing.

NUR 33C Practicum:

Care of the Adult. Provides clinical experience in the health-illness problems of adult patients with more complex medical or surgical disruptions. Includes management of patient care.

NUR 33D Practicum:

Mental Health. Provides clinical experience in the application of principles and concepts related to psycho-social problems.

NUR 38 Issues in Health Care (2)

The examination of selected issues in health care, focusing on the role of the nurse. Topics

include health care delivery, developments in nursing, the nurse's role in legislation. A.A. Program.

NUR 40 Introduction to Roy Adaptation Model

A course designed for LVNs who meet admission requirements of the department and wish to challenge the first year nursing classes. Course content deals with the Roy Adaptation Model and its application in the clinical setting. Selected experiences in clinical practice are required. Course work is equivalent to 6 units of academic credit and is utilized as challenge examinations for receiving credit for NUR21 AB and NUR24 AB. This course precedes the sophomore year. Ordinarily offered during summer session. A.A. program.

***NUR 98 Independent Studies (1-3)**

Independent investigation of significant problems in nursing. *Prerequisite: Consent of the instructor.*

***NUR 99 Special Studies in Nursing (1-3)**

Selected problems: offered as a course or seminar on current issues in nursing. *Prerequisite: Consent of the instructor.*

NUR 100 Introduction to Professional Nursing

A course offered to registered nurses (graduates of accredited hospital diploma or associate degree programs) enrolled in the basic program leading to a baccalaureate degree. An introduction to the concepts underlying the philosophy of nursing, the process of assessment and intervention, and the Roy Adaptation Model as applied to nursing practice. Selected experiences in clinical practice are required. Course work is equivalent to 6 units of academic credit and is utilized as challenge examinations for receiving credit for NUR 5, 140AB, and 142ABC. This course precedes the senior clinical nursing courses. Ordinarily offered during summer session.

NUR 134AB Issues in Health Care (3,3)

A modular course examining selected issues in health care, focusing on the role of the professional nurse. Topics include: health care systems, bioethics, nursing research, developments in nursing, legislation, and professionalism. Taken in the senior year. B.S. Program.

NUR 135 Practicum in Nursing Research (1-3)

A guided group experience in conducting a nursing research project. *Prerequisites: NUR 134A and consent of the instructor.* B.S. Program.

NUR 140AB Adaptation Nursing Theory I (2,2)

This course studies the bio-psycho-social-spiritual impact of health and illness problems on the adaptation of individuals of all ages. The family and culture are studied as major influencing factors. Common approaches in nursing assessments, diagnosis, and cognitive and technical skills of nursing management are introduced. Offered in the junior year concurrently with NUR 141AB and 142ABC. B.S. Program.

NUR 141AB Health-Illness: Influencing Factors (3,3)

This course focuses on the influencing factors and stressors that affect the person on the health-illness continuum. Pathophysiology and pharmacology areas emphasized.

NUR 142ABC Clinical Nursing Process I (6,3,3)

Concentrates on the mastery of simple to complex nursing skills and nursing management process for promoting the person's adaptation in a clinical setting. This includes the simulated learning laboratory and health care delivery systems as listed below for 18 hours per week. The student enrolls in NUR 142A during the first semester of the junior year and NUR 142B and C during the second semester. B.S. Program. Units for 1981-82 will be 6,3½,3½.

NUR 142A involves clinical experiences in medical surgical settings.

NUR 142B involves clinical experiences in

pediatric settings.

NUR 142C involves clinical experiences in obstetrical settings.

NUR 150AB Adaptation Nursing Theory II (2,2)

Focus on the theory, relationship, and assessment of complex consequences of bio-psycho-social-spiritual adaptation and disruption, including patho-physiology, and psychopathology. Some current topics examined are child abuse, cultural differences, and sexuality. Offered in the senior year. B.S. program.

NUR 151AB Adaptation Nursing Application (3,3)

Describes the application of the Roy Adaptation Model to theoretical material presented in NUR 150AB. More advanced approaches in nursing diagnosis and intervention are included with focus on change, leadership, family, group dynamics, and health care planning.

NUR 152ABC Clinical Nursing Process II (7,3½,3½)

Clinical nursing experiences are provided in various agencies in the Los Angeles area in order for the student to practice and apply content presented in seminar, skills lab, and courses related to adaptation in health and illness. 21 hours per week for two semesters. The student enrolls in NUR 152A during one of the two semesters and in NUR 152B and C for the other semester. B.S. Program.

NUR 152A involves clinical experiences in medical surgical settings.

NUR 152B involves clinical experiences in psychiatric settings.

NUR 152C involves clinical experience in public health settings.

NUR 301 Continuing Education (1-3)**NUR 302 Inservice Education** (1-3)**NUR 303 Workshop in Nursing** (1-3)

PHILOSOPHY

Philosophy endeavors to discover and evaluate insights into the meaning of man, knowledge, human thought, nature, values, and man's relationship to himself, to others, and to the transcendent.

This major serves as an excellent preparation for graduate study or a career in college teaching, law, religious studies, social sciences, or research. Philosophy provides a good foundation for computer work and careers in business or counseling.

The Philosophy department encourages and helps students to arrange double majors, especially with the English, Business, and Religious Studies departments; other double majors with philosophy can be arranged.

The B.A. Degree with a Major in Philosophy

Preparation:

PHI 5	Introduction to Logic	(3)
PHI 15	Challenges in Philosophy	(3)
PHI 21	Moral Values and Ethical Decisions	(3)

Requirements:

Ten upper division courses including

I. Two courses from the following:

PHI 150	Metaphysics	(3)
or		
PHI 152	Theory of Knowledge	(3)

II. Two courses in the history of philosophy:

PHI 124	Problems of Ancient Philosophy	(3)
PHI 125	Problems of Medieval Philosophy	(3)
PHI 126	Problems of Modern Philosophy	(3)

III. At least one course from each of the following groups:

A.	PHI 155	Symbolic Logic	(3)
	PHI 158	The Scientific Method	(3)
B.	PHI 130	Existential Thinkers	(3)
	PHI 160	Philosophy of Religion	(3)
	PHI 170	Social and Political Philosophy	(3)
	PHI 174	Aesthetics	(3)
C.	PHI 128	Contemporary Analytic Philosophy	(3)
	PHI 134	American Thought	(3)
	PHI 136	Major Philosophers	(3)

IV. Three elective courses in philosophy.

Total units in Philosophy: 39

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in Philosophy

A minimum of seven courses in philosophy approved by the department of philosophy.

PHI 5 Introduction to Logic	(3)	rationalists and empiricists and the synthesis of Kant. <i>Prerequisite: one lower division course.</i>
An introduction to the structures of deductive and inductive arguments, including the study of the logic of language, informal fallacies, definition, truth, validity, and practice in the critical evaluation of arguments occurring in everyday life.		
PHI 15 Challenges in Philosophy	(3)	
An introduction to the basic problems and methods of philosophic inquiry; philosophy as the means for addressing fundamental questions about the meaning of human existence.		
PHI 21 Moral Values and Ethical Decisions	(3)	
An examination of persons as free and responsible agents, the decision-making process concerning moral problems, and various philosophical theories of morality and their implications.		
*PHI 24 Problems of Ancient Philosophy	(3)	
An introduction to the origin of philosophical problems through readings from the ancient philosophers with special attention to the pre-Socratics, Plato, and Aristotle. (Philosophy majors only are to take this course for upper division credit, PHI 124. They will be assigned an additional critical assignment appropriate to a more advanced level of study. This may be in either written or oral form.)		
PHI 92 Introduction to Business Ethics	(3)	
A study of the goals and means of business activities, with special emphasis upon: societal values, ethical decision-making in the conduct of business, social responsibility of business, equality of opportunity, and the ethics of advertising, including analysis of case studies in light of ethical theories. <i>Limited to non-health care majors.</i> See BUS 92.		
PHI 98 Special Problems	(1-3)	
May be repeated for credit.		
PHI 125 Problems of Medieval Philosophy	(3)	
An historical introduction to some philosophical problems and systems in Western thought from the fifth to the fourteenth century. <i>Prerequisite: one lower division course.</i>		
PHI 126 Problems of Modern Philosophy	(3)	
The development of modern views on the relationship of reality and knowledge: the tension of reason and experience in classical modern		
PHI 128 Contemporary Analytic Philosophy	(3)	
An examination of the contemporary British-American tradition of philosophy focusing on problems concerning language, meaning, our ability to communicate, ordinary and artificial languages. <i>Prerequisite: two lower division courses, including PHI 5.</i>		
PHI 130 Existential Thinkers	(3)	
An examination of the existentialist trend in philosophy from Kierkegaard to the present; the meanings of concepts such as alienation, anxiety, authenticity, and freedom in both philosophical and literary works of existentialists. <i>Prerequisite: two courses.</i>		
PHI 134 American Thought	(3)	
An examination of the principle philosophical ideas that have influenced American intellectual life and the development of American civilization and culture. <i>Prerequisite: two courses.</i>		
PHI 136 Major Philosophers	(3)	
A series of studies of the thought and philosophical context of one philosopher or group of philosophers: Plato, Aristotle, Aquinas, Kant, the Enlightenment philosophers, French, Spanish, or English philosophers. May be repeated for credit. <i>Prerequisite: two courses.</i>		
PHI 150 Metaphysics	(3)	
An inquiry into the nature of reality, the possibility of metaphysical knowledge, the ramifications of metaphysics on questions about religion and morality. <i>Prerequisite: two courses.</i>		
PHI 152 Theory of Knowledge	(3)	
An examination of the nature and possibility of human knowledge: objectivity, perception, truth, self-knowledge and the knowledge of other minds, the conditions of justified belief. <i>Prerequisite: two courses, including PHI 5.</i>		
PHI 155 Symbolic Logic	(3)	
An introduction to a formal system of deductive reasoning, a formal language and rules of derivation for a propositional calculus and some study of quantification, including a study of the truth-functional nature of a symbolic system, its relationship to ordinary language, and the rules of derivation. <i>Prerequisite: PHI 5.</i>		

PHI 158 The Scientific Method (3)
A critical analysis of the scientific method and the relationship between the natural sciences and the humanities; including such topics as the nature of causation, explanation and prediction, inductive inference, language of science and the humanities, and the influence of value judgments on inquiry. *Prerequisite: two courses, including PHI 5.*

PHI 160 Philosophy of Religion (3)
An examination of faith, belief and atheism; the grounds for belief and disbelief in God's existence; religious experience and religious language. *Prerequisite: two courses. See RST 160.*

PHI 162 Eastern Thought (3)
An analysis and the critical evaluation of the major religions of the Far East — Hinduism, Buddhism, Confucianism, Taoism — based on central scriptures and writings of each. *Prerequisite: one lower division course. See RST 162.*

PHI 168A Contemporary Moral Problems (3)
A problem-oriented study of current moral issues with emphasis on conflicts between personal values and public policy in decision-making. *Prerequisite: PHI 21. See RST 168A.*

PHI 168B Bioethics (3)
A study of the ethical, social, and legal issues in contemporary developments in biology, medicine, and psychology with emphasis on the analysis of case studies in the light of bioethical principles. *Prerequisite: PHI 21. See RST 168B.*

PHI 170 Social and Political Philosophy (3)
An examination of the nature of man and of society, the nature and justification of government, political rights and political obligation, justice and equality, and the relationship between personal morality and social and political goals. *Prerequisite: two courses.*

PHI 172 Marxism (3)
An examination and comparison of some of the central works of Marx, Engles, Lenin, Mao, and other writers in the Marxist tradition with a focus on the criticisms of capitalism, the revolution to establish communism, and the nature of communist society; consideration will be given to applying these views to some contemporary issues. *Prerequisite: two courses.*

PHI 174 Aesthetics (3)
A philosophical study of art in its various forms and/or theories concerning the nature of art, aesthetic experience, and art criticism. *Prerequisite: one lower division course.*

PHI 176 Philosophy in Literature (3)
A study of some important themes and philosophical ideas expressed in great works of literature; emphasis upon dominant world views and ethical reactions in representative writings. *Prerequisite: one lower division course.*

PHI 180 Workshop (1-3)
May be repeated for credit.

PHI 195 Directed Reading (1-3)
May be repeated for credit.

PHI 198 Special Problems (1-3)
May be repeated for credit.

PHI 199 Senior Seminar (1-3)
May be repeated for credit.

PHYSICAL EDUCATION

See Special Programs.

PHYSICAL SCIENCE

Departmental Affiliation: Physical Science and Math

PHS 1 Scientific Concepts (3)
A course in the basic principles of chemistry and physics with particular emphasis on the application of these principles to contemporary concerns.

PHS 4 Elementary Environmental Studies (3)
An introduction to the study of man's physical resources and environment leading to a consideration of the problems of conservation and pollution. *Prerequisite: PHS 1.*

PHS 5 Selected Topics in Physical Science (3)
Prerequisite: PHS 1 and consent of department.

PHYSICAL THERAPY

Departmental Affiliation: Biological Sciences

The Physical Therapist Assistant Program (A.A. Degree)

The Associate in Arts degree program for the Physical Therapist Assistant consists of two academic years and a four week clinical period during the summer between the first and second years. Additional clinical periods are integrated throughout the second year of study.

The educational program is focused on the knowledge and application of biological and physical principles/concepts, the development of physical therapy skills, the discovery of oneself and one's relationship to man and his environment. The core of "Human Services" courses add to the third dimension of the total educational program whereby the student will be prepared to begin to understand and to respond to the psychological, emotional, social needs and pressures of patients and their families.

The program is designed in accordance with the standards of the American Physical Therapy Association. Upon successful completion of the program, the graduate will be eligible to apply for and complete the licensing examination in California and other states.

Requirements for Admission to the Program

In addition to meeting the general admission requirements, acceptance into the Physical Therapist Assistant program is determined by the admission committee composed of the chairperson, director and faculty of the Department of Biological Sciences and the programs in physical therapy. Admission is based upon a consideration of the student's high school record and grade point average, College Entrance Examination scores, previous college work (if any), letters of recommendation, an interview, and evidence of some observational experiences within a physical therapy department.

In order to be eligible for review, applicants must have achieved a minimum of 2.5 (C+) grade point average in high school. The high school transcript must show that the candidate has completed one year in biology with laboratory, and a year of high school algebra. Students who have had previous college experience must also have achieved a 2.5 cumulative grade point average.

The faculty of the Department of Biological Sciences and the programs in physical therapy have the right and responsibility for judging and evaluating the quality of the student's achievement. Grades of "C" or above must be received in all physical therapy courses and anatomy and physiology. If a student's performance in the clinical setting is unsatisfactory and/or unsafe, the student may be disqualified from the program at the close of the clinical period. In the event of unsatisfactory performance, the student's record is reviewed by the faculty before any final action is taken. Petitions for reinstatement into the program will be addressed to the faculty of the Department of Biological Sciences and the programs in physical therapy.

Before matriculating in the program and at the beginning of the second year, the student must submit a written report of a chest X-Ray, updated immunizations (including rubella), and a physical examination.

During the clinical phase of the program, students are required to carry health insurance, and malpractice insurance which is obtained through Maginnis and Associates.

The A.A. Degree with a Specialization in Physical Therapist Assistant

Requirements:

ENG 10	Communication Skills	(3)
—	Humanities Course	(3)
SPR 80	Group Experience	(1)

Preparation:

BIO 41AB	Anatomy and Physiology	(4)
HSP 94	Concepts and Issues in Gerontology	(3)
PHI 21	Moral Values and Ethical Decisions	(3)
PSY 1	General Psychology	(3)
RST 78	Death and Dying: Religious Aspects	(3)
SOC 5	Sociological Perspectives	(3)

Requirements:

PTH 42	Introduction to Physical Therapy and the Role of the Physical Therapist Assistant	(2)
PTH 43	Physical Therapy Procedures I	(3)
PTH 44A	Physical Therapy Procedures II	(3)
PTH 44B	Clinical Instruction and Practice I	(2)
PTH 45	Physical Therapy Procedures III	(4)
PTH 46A	Physical Therapy Procedures/Clinical Application I	(4)
PTH 46B	Clinical Instruction and Practice II	(2)
PTH 46C	Physical Therapy Procedures/Clinical Application II	(4)
PTH 47A	Clinical Instruction and Practice III	(4)
PTH 47B	Clinical Instruction and Practice IV	(4)

Total units in Physical Therapist Assistant: 32

Total units in Human Services Core: 15

The Physical Therapy Program (B.S. Degree)

The baccalaureate degree program offers professional education in physical therapy with an emphasis on the holistic approach to patient care. A core of "Human Services" courses (humanities, philosophy, religious studies, social and behavioral sciences, and gerontology) is an integral part of the total educational experience.

The professional phase of the program begins, essentially, at the junior level. The curriculum is divided into the following areas: Basic Medical/Health Sciences, Clinical Medicine, Physical Therapy Principles and Practices, Physical Therapy Clinical Arts, Tests and Measurements, Education and Research, and Clinical Internship. Throughout the professional phase of the program, students will continue to pursue study in the humanities and the "Human Services" core.

Early and continuous exposure to patient care and clinical application is an essential component of the total program. A clinical practicum is provided during the Interterm between the Fall and Spring semesters of the junior year, followed by a six week clinical internship during the summer after completion of the junior year. The second clinical internship which focuses on the care of the geriatric patient is scheduled during the Interterm between the Fall and Spring semesters of the senior year. Final clinical internships (twelve weeks) are offered during the summer after the student has completed all senior year courses.

The program in physical therapy is cognizant of the changing needs which have been created by social change — the needs of students, of patients, and in general, the health needs of society and the community. To this end, the philosophy and the educational principles on which the program is built will be reviewed, studied, and appropriately modified when indicated.

The program is designed in accordance with the standards of the American Physical Therapy Association. Upon successful completion of all requirements (excluding PTH 169C and 169D: Clinical Internship 3 and 4, and PTH 198: Research) the degree of Bachelor of Science is awarded. The certificate in Physical Therapy is awarded after the completion of the above courses during the summer following the senior year. The graduate of the program will be eligible to apply for and complete the licensing examination in California and other states.

Requirements for Admission to the Program

Students who are admitted as freshmen will be given priority for the limited number of positions in the class at the junior level, provided that they have successfully completed all prerequisites and have met the minimal standards, as determined by the admission committee composed of the chairperson, director and faculty of the Department of Biological Sciences and the programs in physical therapy. Final selection of students for the physical therapy major will be made near the close of the sophomore year.

A student who wishes to transfer to Mount St. Mary's College and to be considered for the physical therapy program is urged to transfer at the beginning of the sophomore year. Due to the unique nature of the program and its requirements, students who transfer after completing two or more years elsewhere will, in all likelihood, have to spend more than two years at Mount St. Mary's College in order to complete all degree requirements. A transfer student must be accepted into the College first and will be considered for the physical therapy major during the spring semester of the first year of matriculation.

Admission to the program in physical therapy at the junior level is determined by the admission committee composed of the chairperson, director and faculty of the Department of Biological Sciences and the programs in physical therapy. A cumulative grade point average of at least 2.7 is required, as well as evidence of some observational experiences within a physical therapy department.

The faculty of the Department of Biological Sciences and the programs in physical therapy have the right and responsibility for judging and evaluating the quality of the student's achievement. Grades of "C" or above must be received in all physical therapy courses, and science prerequisite courses. If a student's performance in the clinical setting is unsatisfactory and/or unsafe, the student may be disqualified from the program at the close of the clinical period. In the event of unsatisfactory performance, the student's record is reviewed by the faculty before any final action is taken. Petitions for reinstatement into the program will be addressed to the faculty of the Department of Biological Sciences and the programs in physical therapy.

Before enrollment at the junior level and at the beginning of the senior year, the student must submit a written report of a chest X-ray, updated immunizations (including rubella), and a physical examination.

During the clinical phase of the program, students are required to carry health insurance, and malpractice insurance which is obtained through Maginnis and Associates.

The B.S. Degree with a Major in Physical Therapy

Preparation:

BIO 1A	Biological Dynamics	(4)
BIO 1B	Biological Dynamics	(4)
BIO 149	Molecular Physiology	(4)
BIO 151B	Medical Physiology	(4)
CHE 1AB	General Chemistry with lab	(4,4)
PHY 1AB	Intro. Physics/Intermed. Physics	(3,4)
PSY 40	Statistics	(3)
PTH60	Introduction to Physical Therapy	(3)

Requirements:

Human Services Core

BIO 150	Biology of Aging	(3)
HSP 194	Concepts and Issues in Gerontology	(3)
PHI 168B	Bioethics	(3)
PSY 1	General Psychology	(3)
PSY 127	Psychology of Development and Aging	(3)
PSY 168	Abnormal Psychology	(3)
RST 178	Death and Dying	(3)
SOC 5	Sociological Perspectives	(3)
SOC 189	Sociology of Aging	(3)

Plus the additional courses needed to complete the general education requirements.

Requirements:

Physical Therapy Major

BIO 158	Gross Anatomy	(4)
BIO 160	Neuroanatomy/Neurophysiology	(3)
PTH 154A	Medical Science and Arts I	(2)
PTH 154B	Medical Science and Arts II	(2)
PTH 155	Physical Therapy Princ. and Clinical Arts I	(3)
PTH 156	Physical Therapy Princ. and Clinical Arts II	(3)
PTH 157	Physical Therapy Princ. and Clinical Arts III	(3)
PTH 158	Applied Physiology	(2)
PTH 162	Administration and Supervision in PT	(2)
PTH 163A	Seminar in Physical Therapy	(2)
PTH 163B	Electrophysiological Evaluation	(2)
PTH 164	Physical Therapy Princ. and Clinical Arts IV	(4)
PTH 165	Prosthetics/Orthotics	(2)
PTH 166	Kinesiology and Biomechanics	(4)
PTH 167	Neurophysiological Bases for Motor Control	(5)

PTH 168	Interpersonal/Interprofessional Relations	(2)
PTH 169ABCD	Clinical Internship I, II, III, IV	(4,2,4,4)
PTH 170	Community Resources for Health Care	(2)
PTH 197	Research Methodology	(1)
PTH 198	Research	(2)

PTH 42 Introduction to Physical Therapy and the Role of the Physical Therapist Assistant (2)

Medical and physical therapy terminology including the basic medical roots, prefixes, suffixes, combining forms, and abbreviations. Introduction to physical therapy practice and the role of the physical therapist assistant in providing direct patient care. Includes material to enable students to explore their feelings toward the sick and disabled and to gain some insight into the patient's feelings.

PTH 43 Physical Therapy Procedures I (3)

Basic principles and techniques of therapeutic massage and hydrotherapy — physiological effects, indications, and contraindications. Hydrotherapy procedures include hot packs, cold packs, ice massage, whirlpool, hubbard tank, contrast bath, and pool therapy. Also, includes a unit on external bandaging and dressings. *Prerequisites: BIO 41A and concurrent enrollment in BIO 48A.*

PTH 44A Physical Therapy Procedures II (3)

Basic therapeutic exercise — principles and procedures. Includes proper positioning, passive, active assistive, active, and resistive exercises, patient transfer activities, wheelchair management, and crutch gaits. Material is correlated with musculoskeletal anatomy. *Prerequisites: BIO 41A and concurrent enrollment in BIO 41B.*

PTH 44B Clinical Instruction and Practice I (2)

A four week clinical experience under the guidance and supervision of qualified physical therapists during the summer between the first and second year of study. Learning experiences are focused on the knowledge and skills achieved during the first year. *Prerequisite: Successful completion of all first year courses.*

PTH 45 Physical Therapy Procedures III (4)

The use of heat, light, sound, and low volt currents for their physiological and therapeutic effects. Includes infra-red, ultraviolet, microwave, shortwave diathermy, ultrasound, direct and alternating currents. Procedures are correlated with clinical pathology of a musculoskeletal

tal and neuromuscular conditions. *Prerequisites: Successful completion of all first year courses.*

PTH 46A Physical Therapy Procedures Clinical Application I (4)

Therapeutic exercise with emphasis on application to orthopedic and neurological conditions. Includes the use of equipment in performance of exercise, specific exercise regimens for orthopedic and neurological conditions, goniometry, and an introduction to facilitation/inhibition techniques. *Prerequisite: Successful completion of all first year courses.*

PTH 46B Clinical Instruction and Practice I (2)

A three week clinical experience in a geriatric unit under the guidance and supervision of qualified physical therapists during the Interterm of the second year of study. Experience will provide the opportunity to interact and to work cooperatively with the college's senior physical therapy students. *Prerequisite: Successful completion of all previous courses.*

PTH 46C Physical Therapy Procedures Clinical Application II (4)

Therapeutic exercise and other techniques with emphasis on application to cardiopulmonary, and selected medical conditions. Includes treatment procedures for the cardiac and respiratory patient. Course will extend over the first five weeks of the semester. *Prerequisite: Successful completion of all previous courses.*

PTH 47A Clinical Instruction and Practice III (4)

A five week clinical experience under the guidance and supervision of qualified physical therapists during the Spring semester of the second year of study. Learning experiences will provide the student with an opportunity to identify and assume her role on the health-care team, and to apply the holistic approach to patient care. Students will meet one evening each week on the Doheny campus for a physical therapy seminar. *Prerequisite: Successful completion of all previous courses.*

PTH 47B Clinical Instruction and Practice IV (4)

Continuation of PTH 47A. *Prerequisite: successful completion of all previous courses.*

PTH 60 Introduction to Physical Therapy and Professional Orientation (3)

Medical and physical therapy terminology including the basic medical roots, prefixes, suffixes, combining forms, and abbreviations. Orientation to health care delivery systems, to patients' rights and expectations, and to the physical therapy profession. Includes a survey of history and present status of physical therapy and its relation to other medical services, educational patterns and accreditation, the code of ethics for physical therapists, the legal aspects of physical therapy practice, and the role of the American Physical Therapy Association. Includes material to enable the student to explore her feelings toward the sick and disabled and to gain some insight into the patient's feelings.

PTH 154A Medical Science and Arts I (2)

Orthopedic management of diseases of the musculoskeletal system with emphasis on conditions commonly treated by physical therapists. Lecture. *Prerequisite: Physical therapy junior status.*

PTH 154B Medical Science and Arts II (2)

Pathology, diagnosis, prognosis, and management of selected neurological diseases and medical/surgical conditions. *Prerequisite: BIO 158A and concurrent enrollment in BIO 160.*

PTH 155 Physical Therapy Principles and Clinical Arts I (3)

Team approach to the study of kinesiology, basic therapeutic exercise, manual muscle testing, and goniometry coordinated with learning experiences in BIO 158, Gross Anatomy. Classroom work is followed by practicum in an appropriate clinical setting during Interterm session. Lecture and laboratory. *Prerequisite: Physical therapy junior status.*

PTH 156 Physical Therapy Principles and Clinical Arts II (3)

Study of therapeutic massage and hydrotherapy with emphasis on the physiological, psychological, and therapeutic effects. Includes a unit on basic nursing procedures. Classroom work is followed by a practicum in an appropriate clinical setting during Interterm session. Lecture and laboratory. *Prerequisite: Physical therapy junior status.*

PTH 157 Physical Therapy Principles and Clinical Arts III (3)

Study of the use of heat, light, sound, and low volt currents in the management of pain and tissue nutrition, correlated with physics and physiology. Includes a unit on the application of transcutaneous electrical nerve stimulation and biofeedback. Lecture and laboratory. *Prerequisite: BIO 158.*

PTH 158 Applied Physiology (2)

Muscle-nerve physiology and physiology of exercise as these relate to cardiac rehabilitation, to sports medicine, and to the geriatric patient. Also includes a critical analysis of the physiological effects of various physical therapy procedures. Lecture. *Prerequisite: Physical therapy senior status.*

PTH 162 Administration and Supervision in Physical Therapy (2)

Principles of organization and administration of the physical therapy service and its relationship to the organizational/administrative structure of the institution. Includes communication skills, job analysis and description, management of resources (budget, space, equipment), coordination of physical therapy services, personnel policies and motivation, quality control, and supervisory skills. Lecture. *Prerequisite: Physical therapy senior status.*

PTH 163A Seminar in Physical Therapy (2)

Teaching in a clinical setting focused on the preparation for the development of in-service training programs, continuing education programs, and clinical education programs for physical therapy and physical therapist assistant students. Includes principles of teaching, the learning process, development of behavioral objectives, task analysis, use of instructional media, and evaluation methods. Opportunity to work with the physical therapist assistant students will be provided. Lecture. *Prerequisite: Physical therapy senior status.*

PTH 163B Electrophysiological Evaluation (2)

Principles and art of electrical testing of nerves and muscles with analysis, interpretation, and evaluation. Includes galvanic-faradic, chronaxie, strength-duration curves, tetanus-twitch, motor nerve conduction velocity tests, and electromyography. Lecture and laboratory. *Prerequisite: Physical therapy senior status.*

PTH 164 Physical Therapy Principles and Clinical Arts IV (4)

Principles, procedures, and rationale for the treatment of cardiopulmonary patients and the management of specific neurological dysfunctions, correlated with PTH 154B. Also includes units on scoliosis, the care of burns, specific exercise programs, use of exercise equipment, and activities of daily living (patient transfers, crutch-walking, and wheelchair management). Lecture and laboratory. *Prerequisite: Physical therapy junior status.*

PTH 165 Prosthetics/Orthotics (2)

Evaluation and training of the amputee patient. Includes an introduction to the principles and uses of prosthetics and orthotics, their components, the study and analysis of normal gait. Lecture and laboratory. *Prerequisite: Physical therapy junior status.*

PTH 166 Kinesiology and Biomechanics (4)

Kinesiological/biomechanical analysis and evaluation of normal and abnormal patterns of movement with emphasis on human locomotion. Involves integration and application of principles of engineering mechanics fundamental to the understanding of movement. Introduction to the use of electromyography and cinematography in the study of movement. Application to clinical problems and potential research studies. Lecture and laboratory. *Prerequisite: Physical therapy senior status.*

PTH 167 Neurophysiological Bases of Motor Control (5)

Facilitation — Inhibition principles and techniques based on neurophysiological foundations and mechanisms fundamental to the understanding of motor control. Material is correlated with normal human development, and offers an integrative approach to the evaluation of sensorimotor deficits, planning and implementing treatment programs. Lecture and laboratory. *Prerequisite: Physical therapy senior status.*

PTH 168 Interpersonal and Interprofessional Relations (2)

Role of the physical therapist as a member of the health care team — relationship to the patient, his/her family, and other health professionals. Emphasis on group dynamics, communication skills, and the interdisciplinary approach to patient care. Lecture and presentations by active health-care teams. *Prerequisite: Physical therapy junior status.*

PTH 169A Clinical Internship I (4)

Six weeks clinical experience under the guidance and supervision of qualified physical therapists during the summer between the junior and senior years. Learning experiences are correlated with the behavioral objectives of the junior year courses. Bi-weekly seminar (evening) at Chalon Campus is required. *Prerequisite: Successful completion of all junior year courses.*

PTH 169B Clinical Internship II (2)

Two weeks clinical experience in a geriatric unit under the guidance and supervision of qualified physical therapists during the Intern term of the senior year. Experience will provide the opportunity to interact and to work cooperatively with the college's physical therapist assistant students. *Prerequisite: Physical therapy senior status.*

PTH 169CD Clinical Internships III, IV (4,4)

Two six week periods of clinical experience under the guidance and supervision of qualified physical therapists during the summer after completing the senior year. Bi-weekly seminar (evening) at Chalon campus is required. *Prerequisite: Successful completion of all senior year courses.*

PTH 170 Community Resources for Health Care (2)

Basic philosophy and concepts of community health to include the non-traditional health care setting. Administrative structures, policies, resources, patient referrals, discharges, and follow-up will be studied in selected public and private community health-care agencies. Also includes a unit on the identification of architectural barriers to the handicapped and suggested solutions to this problem. Lecture and field experience. *Prerequisite: Physical therapy senior status.*

PTH 197 Research Methodology (1)

Introduction to the philosophy and principles of scientific methods of inquiry used in research and problem-solving. Initiation of investigative study including research proposal and a survey of the literature. *Prerequisite: Physical therapy senior status.*

PTH 198 Research (2)

Continuation of PTH 197 including the research design, methodology, collection and analysis of data, discussion of findings and conclusions, and final write-up of study.

Course is continued through the summer after completion of the senior year. *Prerequisite:* PTH 197, *Research Methodology*.

PHYSICS

Departmental Affiliation: Physical Science and Math

PHY 1A Introductory Physics (3)

Lecture, three hours. A study of motion including force, conservation laws, vibratory motion, and wave motion; an introduction to light, field theory, electricity, magnetism and quantum mechanics. *Prerequisite:* Facility with algebraic manipulations.

PHY 1B Intermediate Physics (4)

Lecture, three hours; laboratory, three hours. A study of the properties of matter; thermodynamics, electrical circuits, optics, topics in astronomy and relativity. *Prerequisite:* PHY 1A.

***PHY 5 Topics in Physics (1-3)**

Prerequisite: PHY 1A and consent of department.

POLITICAL SCIENCE

Departmental Affiliation: History and Political Science

The student who is majoring in political science investigates political theory, institutions, international relations, comparative politics, public administration and public law as they relate to historical developments and to the political world as it is now. A maximum choice is allowed so that the major can be designed according to the dominant interests of the student.

Majors must maintain average or above-average grades in all major courses.

The B.A. Degree with a Major in Political Science

Preparation:

POL 10	Political Concepts	(3)
HIS 1B	Western Civilization	(3)

Recommendations:

HIS 7A-I	American Civilization	(9)
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Requirements:

—	Ten upper division courses in political science	(30)
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Total units in political science: 36

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in Political Science

A minimum of six courses in political science including POL 10 and five upper division courses approved by the department chairperson.

POL 1 American Government and Institutions (3)

An introduction to the principles and problems of government, with particular emphasis on the formation and development of the national and state administrative, legislative, and judicial systems and processes. Fulfills CPE requirement.

POL 2 Comparative Politics (3)

An investigation of the concepts and techniques which enable the student to compare divergent political systems, focusing upon both traditional and innovative concepts such as power, ideology, decision making, elitism, and the structural-functional approach. Particular attention is devoted to political systems.

POL 10 Political Concepts (3)

The aim of this course is to acquaint students with the scope and techniques of political science by relating major concepts in political theory to current problems and issues. Major political theorists such as Plato, Aristotle, Locke, Hobbes, Hegel, and Marx are the focal point of analysis. In this way the contribution of political science to the understanding and clarification of political phenomena can be exemplified.

POL 103 Scopes and Methods in Political Science (3)

An examination of the techniques and tools of analysis as well as the particular inquiries distinguishing political science from the other social sciences. Required of majors.

POL 107 Political Economics (3)

See ECO 107

POL 108 American Constitutional Law (3)

See HIS 179. Fulfills CPE requirement. Consent of instructor necessary for non-majors and non-minors.

POL 112 Contemporary Political Theory (3)

A study of the major contributors to political theory from Marx to the present day, including such theorists as Dewey, Russell, Weber, Mosca, Pareto, Nehru, Maciver, Becker, Laski, Cole, et al. The normative approach will be deemphasized in favor of the descriptive and analytical approach.

POL 113 American Political Theory (3)

A critical examination of the contributors to the formation and sustenance of the consensual framework within which American gov-

ernment, politics, and society operate, with special attention to the great constitutional crises of the past 150 years.

POL 116 Democracy and Democratic Theory (3)

A critical examination of the major theorists of democracy in the twentieth century with emphasis upon both the justifications and pre-conditions of democratic government and society; in particular, insights derived from psychology and sociology are utilized. Consent of instructor necessary for non-majors and non-minors.

POL 117 World Political Theory (3)

The history of man's attempt to explain the relationship of a man to governmental institutions with particular emphasis upon the values to be implemented by society. The time period spans the development of Greek political theory to the middle of the nineteenth century.

POL 119 Concepts in Political Theory (3)

Selected concepts to be dealt with in depth. Specific concepts noted in term schedule.

POL 125 Foreign Relations of the United States (3)

See HIS 178.

POL 131 International Relations (3)

A general survey of the institutions, considerations, and ideologies involved in the formation and execution of foreign policy within a world context. Special attention is placed upon international agencies, including the United Nations. May be taken for lower division credit.

POL 134 International Organization (0-5)

An examination of the origins, structure, and practices of international agencies with special attention to the United Nations. The primary technique in this approach is an attempt at role-playing by virtue of participation in the Model United Nations.

POL 135 Selected Problems in International Organization (3)

Particular emphasis is placed on the role of international organizations and the maintenance of world peace. May be taken for lower division credit.

POL 138 Judicial Systems and Individual Rights (3)

The study of local, state and federal judicial systems; lawyers, judges, departments of justice. The Bill of Rights and its incorporation to

bind the states as well as individual civil rights. Leading constitutional cases are discussed and argued in an appellate judicial setting. May be taken for lower division credit.

POL 146 Public Opinion and Propaganda (3)

A study of the techniques utilized by professional public relations experts in the manipulation of public opinion as well as the strategies of electoral victory available to the political participant for the maximization of particular goals.

POL 155 Comparative Politics of Selected Areas (3)

An examination of the government, political practices, personalities, and problems of selected areas. Specific area designated in the term schedule.

POL 170 American Party Politics (3)

The development, organization and character of the American party system. Fulfills CPE requirement. May be taken for lower division credit.

POL 175AB Selected Topics in the American Political Structure (3,3)

Specific area will be announced in the term schedules. Fulfills CPE requirement. Consent of instructor necessary for non-majors and non-minors. May be taken for lower division credit.

POL 180 State and Local Government (3)

A study of state political systems, including their administrative and local sub-systems; intergovernmental relationships; policy outputs. Fulfills CPE requirement. Consent of instructor necessary for non-majors and non-minors.

POL 181 Political Participation (1)

A course in which the student actively participates in a current political campaign. Seminars and informal discussions attempt to relate student experiences to the literature in the field.

POL 185 Public Personnel Administration (3)

The process of formulating and administering public personnel policies; concepts and principles utilized in selected governmental personnel systems. Special emphasis on collective bargaining in public employment.

POL 186 Introduction to Public Administration (3)

The executive function in government; principles of administrative organization, personnel management, financial administration, administrative law, and problems and trends in government as a career.

POL 187 Organizational Theory and Governmental Management (3)

Organizational structure, human factors in organization, dynamics of organizational change, internal adaptability to external environment; problems, limitations, and trends in governmental organization and management.

POL 190 Internship (3)

Students in political science serve as interns working in the Los Angeles offices of public officeholders.

POL 191 Internship in Government Service (3)

Students in the public administration program serve as interns working in government offices in the Los Angeles area.

POL 192 Plays and Politics (3)

A study of selected plays from antiquity to contemporary times in which the insights of the playwright and the conclusions of the political scientist are interrelated. A multi-dimensional and interdisciplinary approach is utilized.

POL 193ABCD Selected Problems and Projects in Political Science (1-4)

Subject announced in term schedule.

POL 196 Experience-Oriented Courses in Political Science (3)

PRE-LAW PROGRAM

An undergraduate major in the social sciences or humanities is the preferred preparation for legal study. The major program should be supplemented with other courses designed to develop the analytical and expository skills requisite for the study of law. The pre-law advisement program identifies potential law students early in their un-

dergraduate education and assists them in planning courses of study suited to the rigorous demands of the legal profession.

Required Supplementary Courses:

MTH 9	Introduction to Computer Processes	(3)
PHI 5	Logic	(3)
PHI 155	Symbolic Logic	(3)

Strongly Recommended:

BUS 5	Business Law	(3)
BUS 15	Accounting I: Financial	(3)
PHI 152	Theory of Knowledge	(3)
PHI 168A	Contemporary Moral Problems	(3)
POL 108	American Constitutional Law	(3)
SPE 13	Oral Argument	(3)

Students complete requirements in their majors, foreign language, supplementary pre-law, general studies requirements, and electives totaling 129 semester units.

THE PRE-SCHOOL TEACHING PROGRAM

See listing in Education.

PSYCHOLOGY

The major in psychology is concerned with the study of human behavior from both a scientific and a humanistic point of view. Scientific study of behavior and field work complement one another in giving depth of understanding to personality, learning, motivation, and perception as interacting human processes. The major prepares students for graduate work and/or for many situations in daily living and work that demand precision in thinking and understanding.

The B.A. Degree with a Major in Psychology

Preparation:

PSY 1	General Psychology	(3)
PSY 40	Statistics	(3)

Requirements:

Nine upper division courses including:

PSY 106	Experimental Psychology	(3)
PSY 132	Personality	(3)
PSY 134	Learning	(3)
PSY 145	Social Psychology	(3)
PSY 152	Physiological Psychology	(3)
PSY 192	Clinical Practicum	(3)

Majors must obtain a grade of C or higher in all psychology courses.

Total units in psychology: 33

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in Psychology

A minimum of 18 units approved by the department. At least four upper division courses.

PSY 1 General Psychology (3)

An introduction to psychology as a scientific study of behavior. Focus on issues in learning, motivation, perception, personality development, and psychopathology.

vidualization, prescriptions, and evaluation will be included. Students are required to observe and participate in a pre-school setting.

PSY 2 Psychology of Communication (2-3)

A study of the use of communication as a two-way process of giving-receiving data, interpreting verbal/nonverbal behavior in a variety of interpersonal and group situations.

PSY 35B Creativity and the Young Child (3)

A study of those experiences which foster creativity and self-expression in the young child. Emphasis will be on art, music, play, and movement. Application of growth patterns, individualization, prescription, and evaluation will be included. Students are required to observe and participate in a pre-school setting.

PSY 12 Developmental Psychology (3)

Theories of personality development and a review of current research; study of physical, mental, social, and emotional growth throughout the entire human life span; focus on factors that facilitate growth.

PSY 40 Statistics (3)

Collection and interpretation of statistical data, with emphasis on decision-making and limits of inference.

PSY 13 Early Child Development (3)

Study of the early years in human development. Focus on prenatal life and early childhood years as influential factors on the child's learning ability. Study of infant care and family life as these forces affect psycho-physiological, emotional, social, motor, and mental development. Observation of children and experience in designing learning activities for young children in pre-school and elementary classrooms.

PSY 77 Language Development of the Child (3)

Introduction to theories of language learning and development. Study of normal verbal and non-verbal patterns as well as communication disorders. Methods and materials that enhance language development are studied and developed. Students are required to observe and participate in a pre-school setting.

PSY 33 Adjustment and Mental Health (3)

A survey of the concepts of personal and community mental health including: the psychological principles contributing to mental health, the interaction of personality and environment, and an overview of human services agencies available in the community to individuals of all ages.

PSY 99 Special Problems (1-3)

Individual study of problems of interest. *Prerequisite: Consent of instructor.*

PSY 35A Cognition and the Young Child (3)

A study of those experiences which foster cognitive development in the young child. Emphasis will be on exploration, problem solving, numbers, ordering, classifying, and concept building. Application of growth patterns, indi-

PSY 106 Experimental Psychology (3)

Analysis and evaluation of published literature; design of experiments; use of experimental and statistical methods; survey of laboratory apparatus; use of case study and naturalistic observation. Emphasis on human experimental psychology.

PSY 109 Movement Psychology (3)

Exploration of human movement patterns in relations to personality. Therapeutic use of movement, integrating recent findings from

kinesiology, dance, and mime. Study of the relationship between human skeletal adjustments of psychosomatic correlates.

PSY 113 Child Development and the Learning Process (3)

Application of child development principles to children aged four through twelve years. Curriculum design of elementary-aged children based on knowledge of their social, emotional, mental, and physical attributes. *Prerequisite: PSY 1.*

PSY 123 The Adolescent and the Learning Process (3)

A study of the developmental and behavioral characteristics of the adolescent. Emphasis on how individual characteristics and concerns influence the adolescent's ability and motivation to learn and how these factors affect the content and presentation of curricula. *Prerequisite: PSY 1.*

PSY 125 Introduction to Counseling (3)

A survey of the major methods of psychological counseling with emphasis on the underlying theoretical framework. Included will be consideration of both traditional and contemporary individual and group methods. Demonstrations and limited practical experiences will focus on paraprofessional applications.

PSY 127 Psychology of Development of Aging (3)

Study of behavioral development throughout the adult life span; exploration of attitudes, values, and motivation insofar as they affect and are affected by environmental and biological changes associated with aging. Course, conducted as a seminar, includes field work.

PSY 132 Personality (3)

Comprehensive study of the structure and dynamics of personality as viewed by various theorists. Implications of theoretical formulations.

PSY 133 Psychology of Disability and Adjustment (3)

An exploration of the effects of physical disabilities on mental health. Conditions, fostering personality development and continued personal growth in the physically disabled will be investigated, with an emphasis on the special problems of disabilities among the aged. Course includes field work.

PSY 134 Learning (3)

A comprehensive and critical examination of major psychological theories of learning and related research. Practical applications of learning principles are also discussed.

PSY 135 Group Dynamics (3)

A preliminary experiential and theoretical study of the nature, developmental stages, interpersonal communication patterns and role dynamics manifested in group situations. Students will have the opportunity to participate in a variety of structured and unstructured group exercises.

PSY 137 Culture and Personality (3)

A study of the relationships between cultures and personalities, including the "technocratic" personality of the industrial culture. Also focuses on language and personality, minority consciousness and the encounter group culture.

PSY 143 Environmental Psychology (3)

An examination of ways in which familiar physical environments such as homes, office buildings, parks, and schools affect feelings and behavior. Students actively participate in various investigations of the psychological impact of physical environments within the community.

PSY 145 Social Psychology (3)

Theories of social psychologists; the influence of social structure on social character, the socialization process in forming the self and the person; institutional and cultural influences on role behavior; social control. See SOC 145.

PSY 148 Personnel and Consumer Psychology (3)

Study of the psychological principles and techniques used in a business setting. Topics include the psychology of work, personnel selection, appraisal, job analysis, placement training, production efficiency, and consumer behavior.

PSY 152 Physiological Psychology (3)

A study of the relationship of nervous, skeletal, muscular, glandular, and circulatory systems to behavior. Introduction to theories of perception, motivation, and emotion and their physiological concomitants.

PSY 155 Psychological Testing (3)

An introductory investigation of the field of psychological testing including an examination of history, theory, and construction of tests as

well as a survey of principal individual and group tests of intelligence, personality, interest, and ability currently used in clinical and research settings. Special attention will be placed on the development of skills for evaluating the reliability, validity, and ethics of psychological tests and their applications.

PSY 168 Abnormal Psychology (3)

Study of the concepts of mental health and mental illness. Introduction to the different psychopathological entities and psychotherapeutic techniques.

PSY 190 Workshop (1-3)

May be repeated for credit.

PSY 192 Clinical Practicum (3)

Experience-oriented course designed to enable the student to apply the principles of psychology in real life settings. Field work options include areas of school psychology, gerontology, mental retardation, emotional disturbances, learning disabilities, or probation work. Course includes weekly seminar oriented towards integrating experiences with theory.

PSY 199A Special Problems (1-3)

Individual study of problem of interest. *Prerequisite: Consent of instructor.*

PSY 199B Special Problems (1-3)

Individual study of problem of interest. *Prerequisite: Consent of instructor.*

PSY 200 Research Methodology (3)

Methodology of research; includes techniques of research, theory of research, experimental designs gathering data, and interpreting data.

PSY 224 Dynamics of Individual Behavior (3)

A study of the development and organization of the individual's personality structure as he perceives himself in his universe.

PSY 225 Counseling Theory and Procedures (3)

An in-depth exploration into the theory and methodology of counseling for the pupil personnel worker with emphasis on the professional application of skills and theory. Students will participate in counseling practical experiences under the supervision of the instructor. *Prerequisite: PSY 125 or its equivalent.*

PSY 230 Measurements: Theory and Procedures (3)

An advanced course in the evaluation, use, and interpretation of individual and group tests of intelligence, personality, interest, and achievement. *Prerequisite: MTH *38.*

PSY 235 Group Dynamics: Theory and Procedures (3)

An investigation of group processes for individuals who have already had experience working with groups. The emphasis will be on the concepts of group facilitation, productivity, evaluation and the application of group methods in teaching, counseling, and administrative work.

PSY 236 Family Therapy (1½)

This course is designed to study that branch of child psychiatry and therapy known as "family therapy." Family therapy is a collection of counseling and therapeutic strategies which have developed over the past thirty years in answer to obvious deficiencies in traditional child psychiatric practice. This first half of the course will cover leading theorists and practitioners in this field.

PSY 237 Human Sexuality (1½)

This course will approach the topic of human sexuality as a comprehensive and integrated topic by distributing emphasis across different areas, and by viewing sexual behavior in an evolutionary, historical, and cross-cultural perspective. The emphasis will be on its role in therapy.

PSY 269 Field Experience in Counseling (3)

Practicum relating principles to a variety of situations.

PSY 271 Appraisal of Exceptional Children (3)

A study of the use of tools for assessing exceptionalities in children: statistical concepts in measuring abilities, principles of assessment, methods of administration and interpretation; assessment instruments, and the relationship of the results of assessment to the total evaluation of the child. See EDU 271.

PSY 272 Disturbances in Child Development (3)

Includes a study of the learning and behavioral development characteristics of the five major groups of exceptionality as they arise from: genetic and hereditary, neuro-physical traits, prenatal and neonatal development, nutritional factors, disturbances in sensory-motor,

language, auditory and visual development, learning and problem-solving, social and emotional development, physical, locomotor, disease, physical injury, etc., and other specific effects of environmental and developmental processes. See EDU 172/272.

PSY 273 Development of Programs for Children with Specific Learning Abilities (3)

Provides the opportunity for the candidate to use the outcomes of assessment to plan specific programs of remediation or amelioration of basic psychological functioning, and enables him/her to participate in the actual implementation of these various plans through work with individual or small groups of children in the various categories of exceptionalities. See EDU 273.

PSY 274 Counseling and Guidance of Exceptional Children (3)

Primarily a study of human relationships, which provides the basis for the effective working relationships, both interpersonal and interprofessional, involving the complex situation of persons interacting with one another at all levels of the organizational social structure. The student develops the ability to relate effectively with pupils, parents, co-workers, and

resource personnel; becomes aware of legal and personal nature of this work; and learns to appreciate the sensitivity of the materials being used. This course also helps the student develop the ability to work harmoniously and effectively with all personnel, a necessary condition for the success of the staff toward a common goal of promoting the learning of children. See EDU 174/274.

PSY 277 Language and Speech Disorders (3)

Designed to acquaint the candidate in special education with normal language development, and with the causes, characteristics, and remediation of speech disorders and defects in the handicapped child. Includes observation, evaluation, and participation in programs of speech development and therapy. See EDU 277.

PSY 290 Workshop (1-3)
Experiential class focusing on particular area of interest.

PSY 299A Special Problems (1-3)
Individual study of problem of interest. *Prerequisite: Consent of instructor.*

PSY 299B Special Problems (1-3)
Individual study of problem of interest. *Prerequisite: Consent of instructor.*

RELIGIOUS STUDIES

The college offers courses of study leading to both the baccalaureate and master's degrees in religious studies.

At the bachelor's level, the Department of Religious Studies makes available to the student a broad choice of courses in Scripture, Christian tradition and the relationship of religion to human experience and culture. It considers the study of religion basic to a liberal education and to the goals of a Catholic college. The major in religious studies prepares a student for graduate work in this field and/or for various ministries.

The B.A. Degree with a Major in Religious Studies

Preparation:

RST 4	Introduction to the Hebrew Scriptures	(3)
RST 5	Introduction to the Christian Scriptures	(3)
	One lower division elective in religious studies	(3)

Requirements:

RST 180	Practicum	(1)
RST 185	Senior Seminar	(3)

Eight additional upper division courses selected in consultation with department adviser. Selections may be made from religious studies offerings or from courses approved for such credit by the department. Total program should represent a balance of the following areas, with at least two courses from each area:

1. Hebrew and Christian Scriptures
2. Christian tradition
3. Religion, human experience and culture

Majors must maintain a C or better in all courses taken for religious studies credit.

Total units in Religious Studies: 37

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in Religious Studies

A minimum of 21 units selected in consultation with the department adviser.

Graduate Program

Requirements for Graduate Admission:

Bachelor's degree from an accredited institution and departmental evaluation of undergraduate work.

Personal interview with department chairperson.

See also the general requirements of the Graduate Program.

The Department of Religious Studies continues to serve educators dedicated to the aims of Christian education. At the same time, in response to those who desire to explore religious studies apart from the teaching of religion, the program has been expanded to allow for concentrations in the required areas of Christian Ethics, Systematics (Dogma), or Scripture.

Because of the growing need to serve the Mexican-American population, the department offers a concentration in the Religious Education of the Mexican-American (REMA). Twelve units of work in this area will include courses such as The Influence of the Church in Latin America, a Religious History of Mexico, and The Religious-Cultural Dimensions of Faith.

Undergraduate upper division courses in Mexican Culture, Anthropology, and Psychology are also offered.

The M.A. program is basically a summer program. However, courses may be taken during the Fall and Spring semesters of the academic year. The student who elects eight units per summer session can finish in four years. By taking courses during the academic year, the student can complete the M.A. program in two and one-half years.

The Department of Religious Studies offers occasional workshops which are based on the courses listed in this catalog. Such workshops ordinarily offer one unit of credit and are designated by a W following the course number in the graduate school or department publicity.

Requirements

Six units in each area of Scripture, Christian Ethics, Systematics. Twelve additional units in Christian Ethics, Systematics, Religious Education, or REMA constitute a concentration. In some cases the student may pursue a more generalized program with the approval of the department chairperson.

Up to six units of undergraduate upper division work beyond the bachelor's may be applied towards the M.A.

Transfer of Credits

The following policy governs the transfer of units with a grade of B or better from an accredited graduate school:

A maximum of six units can be transferred for a master's degree requiring 30 units; Such a transfer must be formally petitioned and may not be made until the student has been admitted for full graduate status. The acceptance of transfer credit is subject to the approval of the head of the department and the graduate dean. Ordinarily, credits earned seven or more years before the student applies may not be applied to a graduate program.

Degree Completion

The Religious Studies Master's degree program consists of thirty units. The student must take either 26 units of course work and complete a four-unit thesis or 29 units of course work plus a one unit research essay. The thesis or research essay is to be completed after the course work is finished.

Ordinarily the thesis topic will be within the selected area of concentration.

Consultation with the faculty regarding specific requirements on the writing of thesis or research essay is required.

A written comprehensive examination is required.

RST 4 Introduction to the Hebrew Scriptures (3)
A study of the methods of modern biblical scholarship building on a consideration of revelation and inspiration; a consideration of selected themes of the Hebrew Scriptures.

RST 5 Introduction to the Christian Scriptures (3)
An examination of the synoptic gospel accounts, Johannine literature, the Acts of the Apostles, and certain Pauline letters.

RST 7 Introduction to Religion (3)
An attempt to expand and clarify the basic impressions of what religion is and is not. Includes survey of some current trends and images of religion in America. Also includes brief survey of some of the most common beliefs and practices by which religions express their own identity: creation, death, the human condition, ritual, morality, spirituality, ideal religious figures, and the experience of God.

RST 8 Introduction to the World Religions (3)
An introductory study of the religious thought and life of the major Western and Eastern traditions. This study will focus attention on the

basic history of these religions, and will include selected readings from the sacred texts of each tradition.

RST 9 Faith and Human Development (3)
A study of the phenomenon of religious belief and the importance of faith for one's further development as a person in relation to others and to God.

RST 10 Religion and Culture (3)
The relationship between religion and culture will be studied from a historical and cross-cultural perspective. Certain contemporary disciplines primarily sociology and anthropology will be used in the analysis.

RST 12 Catholicism (3)
Contemporary expressions of Christianity's traditions; for Catholics an updating, for others an introduction.

RST 14 Popes, Councils, Dogma, Dissent (3)
See HIS 18.

RST 17 Education for Justice (3)	*RST 99 Special Studies (1-3)
An experience-oriented course which aids students to identify and examine critically their values and stereotypes by providing fieldwork with persons and groups who are working toward the creation of a just society.	A course designed around a specific interest; may apply to any of the three areas of emphasis in Religious Studies and may be repeated for credit.
RST 20 Christian Ethics (3)	RST 130 God: Yahweh, Christ, and Spirit (3)
An introduction to the study of moral decision-making from the perspective of Christian faith: the sources and nature of moral obligation, personal and social responsibility, freedom and sinfulness.	Theological bases and implications of affirming that God is Three-in-One.
RST 22 Bible as Literature (3)	RST 131 Jesus the Christ (3)
The Bible as art, shaped by human artifice in which the characters come alive through the storyteller's techniques of plot, theme, images, voice, progress toward change.	A study of the key facets of the lifestory of Jesus: His personality, basic teachings, important deeds, self-understanding, death and resurrection. And a study of the historical development of Catholic Christian beliefs concerning the unique identity and significance of Jesus. Emphasis will be placed on the interdependence of Jesus' life story and Christian faith concerning Jesus. Prior completion of RST *5 preferred, but not required.
RST 33 The Church (3)	RST 133 Christian Spirituality (3)
An introduction to the foundation, structure, ministry and mission of the Church.	An investigation of the Spirit's separation in our lives; the life of grace and prayer.
RST 35 The Sacraments (3)	RST 137 Liturgy (3)
The Christian's individual and corporate response to God as seen in the sacramentality of Christ, the Church, and its worship.	The meaning, purpose, forms, and history of communal worship in the Church.
RST 37 Music and Worship (3)	RST 141 Prophets in the Hebrew Scriptures (3)
See MUS 10.	Introduction to the theology of prophecy and the writings of selected prophets.
RST 50 Conflicts of Conscience (3)	RST 142 Israel's Wisdom Literature (3)
This course is designed to explore the meaning and the problems of conscience for the believer and the non-believer.	Selected books from the wisdom of Israel, showing the religious philosophy and insight into human nature of the pre-Christian era.
*RST 78 Death and Dying: Religious Aspects (3)	RST 144 Synoptic Gospel Accounts (3)
A treatment of the process of dying as it affects and is affected by a person's religious convictions; pastoral concerns about ministry to dying persons and major religious teachings regarding such concepts as God and the afterlife.	Origin, distinction, character, and exegesis of the works of Matthew, Mark, and Luke.
RST 92 Christian Fantasy (3)	RST 145 The Writings of John
A search for beauty and the God who is immanent via the writings of 20th Century authors, such as C.S. Lewis, Charles Williams, Susan Cooper and others.	The Gospel according to John, the Book of Revelation, and the Johannine letters.
RST 93 Prayer and Poetry (3)	RST 146 The Letters of Paul (3)
Introduction to various techniques of prayer using the world around and the insights of poetry and Scripture.	A study of the letters attributed to Paul, as well as the portion of Acts which deals with his mission.

RST 150 An Introduction to Religious Social Ethics (3)	RST 180 Practicum (1)
The dimensions of religious social ethics will be explored and illustrated. Students will develop an ethical position towards an issue of concern.	Directed and supervised experience to provide students with attitudes, skills, and competencies required in an area of ministry, e.g., hospital, parish, school, etc. Limited to Religious Studies majors.
RST 160 Philosophy of Religion (3) See PHI 160.	RST 185 Senior Seminar (3) A course designed to provide for integration of the other aspects of the religious studies program: content, methods, and practicum.
RST 162 Eastern Thought (3) See PHI 162.	RST 190 Workshop (1-3)
RST 165 Religion in America (3) A study of selected issues which represent distinctive aspects of religious experience in American history. Themes will include: religious freedom and separation of Church and state, the Puritan heritage, special forms of Protestantism in America, Catholicism in America, new religious and spiritual groups in contemporary America. Selected issues and themes will vary at times of offering.	RST 195 Directed Reading (1-3)
RST 168A Contemporary Moral Problems (3) See PHI 168A.	RST 200 Introduction to the Critical Study of the Bible (3) An introduction to the study of biblical literature. Historical background; literary forms; textual transmission; revelation and inspiration.
RST 168B Bioethics (2-3) See PHI 168B.	RST 201 The Pentateuch (3) Concentrated study of the first five books of the Bible.
RST 170 Theology in Literature (3) An interdisciplinary investigation of themes in literature which demonstrate the human search for the transcendent.	RST 202 The Deuteronomic History: Joshua to Kings (3) The Deuteronomic Work; its existence and theological tendencies; important moments in the history of Israel.
RST 174 War, Peace, Violence, Non-violence (3-4) A look at Christian attitudes towards war and peace throughout history, as well as an exploration of the ethical questions raised by violence and revolution today.	RST 203 The Prophetical Books of the Old Testament (3) A study of the major prophetic works in relation to the historical and cultural background of the items.
RST 175 Religious Experience of Revolutionaries (3) An exploration of the way in which religious convictions and experiences have influenced certain social revolutionaries of recent times, among them being Bonhoeffer, Gandhi, Malcolm X, Camilo Torres.	RST 206 Wisdom Literature (3) A study of general questions related the Psalter and Wisdom Literature as well as exegesis of representative psalms and passages.
RST 177 A Theology of Marriage (3) Judeo-Christian impact on the human phenomenon of marriage.	RST 208 The Synoptic Gospels (3) The theology and background of the gospels; special problems, purpose, and redaction of the gospels.
RST 179 Sociology of Religion (3) See SOC 195.	RST 210 The Gospel and Letters of St. John (3) Some Johannine questions, theology of John; outside influences on the Johannine writings.
	RST 212 Selected Letters of St. Paul (3) The theology of Paul with special emphasis on such themes as eschatology; community; faith; justification; the Church and the cosmic Christ.

Systematics	RST 232	The Development of Ecumenical Theology from Trent Through Vatican II	(3)
RST 221 Nature, Sources, and History of Theology (3) The faith that the Church confesses as received through the Scriptures in the history of the Church and as understood and interpreted in thought forms suited to our day.	RST 233	The Protestant Experience	(3)
RST 222 The Problem of God, One and Triune (3)	RST 234	Survey of Protestant Theology	(3)
RST 223 Jesus Christ, Son and Savior (3) Patristic and Conciliar Christologies; development and subsequent interpretation of the "historical Jesus" and the Christ of Faith.	RST 235	Religion and Literature	(3)
RST 224 The Experience of God (3) An examination of religious experience; mysticism; the Pentecostal movement; the theology of the Spirit.	RST 236	Christian Spirituality: History and Experience	(3)
RST 225 Grace: A New Life (3) Man in his relation to God; divine creativity; human freedom and the mystery of sin.	Christian Ethics		
RST 226 Sacramental Theology (3) The historical development of the Church's understanding of the sacraments culminating in the Tridentine documents; contemporary approaches to the sacraments.	RST 241	Moral Teaching of the New Testament	(3)
RST 227 Christian Anthropology (3) An analysis of the religious dimension of man in relation to the phenomena of faith and revelation.	A study of the foundations of Christian morality as found in the New Testament.		
RST 228 The Church (3) A contemporary understanding of the Church as reflected in the documents of Vatican II; the teaching authority of the Church; the Church of the future.	RST 242	Fundamental Concepts in Christian Ethics	(3)
RST 229 Theological Themes in the Fathers of the Church (3)	RST 243	Christian Social Ethics	(3)
RST 230AB A Survey of the History of the Church (3,3) The beginnings of the Church; the Middle Ages; the Renaissance; Reformation; Post-Reformation; the Modern Period.	Theological foundations of Christian social ethics as found in the Bible, the history of Christian ethics, and modern ethicists.		
RST 231 Religion in America (3) A study of religion in America from the English settlement until the present era. Topics include the transcendentalists, the Great Awakening, the Social Gospel, the Death of God movement, and Civil Religion.	RST 244	Theology of Liberation	(3)
	An investigation of the theological literature concerned with liberation and a discussion of problematics involved in revolution.		
	RST 245	Religious Freedom	(3)
	The background and historical setting for the Church's position on religious freedom. Current practical questions involving law in a pluralistic society and Church-State relations.		
	RST 246	Ethics of Life and Death	(3)
	A consideration of those problems which reflect man's valuation of human life: contraception, abortion, genetic manipulation, euthanasia, etc.		
	RST 247	Human Sexuality and Marriage	(3)
	A study of the questions relating to human sexuality and marriage as seen from an ethicobiblical perspective with attention given to the insights from psychology and theology.		
	RST 248	Psychology of Religion	(3)
	Scope and methods of the psychology of religion. Psychological factors in faith, conversion, prayer, ascetical and liturgical practices, vocations.		

RST 250	History of Christian Ethics	(3)	Religious Education of the Mexican-American	
A study of key periods, figures, and problematics.				
RST 261	Foundations of Religious Education	(3)	RST 271	Perspectives in Mexican-American Theology
				(3)
RST 262	Scriptural Themes in the Teaching of Religion	(3)	RST 272	Liberation Mariology: Virgin of Guadalupe
				(3)
RST 263ABC	Special Problems in the Teaching of Religion	(3,3,3)	Research	
RST 264	Film in the Teaching of Religion	(3)	RST 290	Thesis
				(4)
RST 265	Art in the Teaching of Religion	(3)	RST 291	Research Essay
				(1)
RST 266	Values Education in the Teaching of Religion	(3)	RST 298	Comprehensives
				(0)
			RST 299	Independent Studies
				(1-4)

RESPIRATORY THERAPY

Departmental Affiliation: Biological Sciences

The Respiratory Therapy Program (A.A. Degree)

The graduate of the respiratory therapy program is prepared to assume the responsibilities of a staff position, under medical direction, in acute-care health facilities. The program is accredited by the Joint Review Committee for Respiratory Therapy and graduates are eligible to write credentialing examinations offered by the National Board for Respiratory Therapy.

The associate degree curriculum in respiratory therapy reflects a blend of formal lectures and supervised clinical experiences in affiliating hospitals. During the clinical portion of the program, students must carry malpractice insurance obtained through the American Association for Respiratory Therapy.

The faculty of the respiratory therapy program are aware of their need to provide ongoing evaluations of the student's achievement and progress toward becoming a competent health-care practitioner. Disqualification from the respiratory therapy program occurs when a student receives a grade less than "C" in a respiratory therapy course or a course required by the program, e.g., Anatomy, Physiology or Microbiology.

Requirements for Admission to the Program

In addition to satisfying the general admission requirements of the College, applicants to the respiratory therapy program must have completed a basic algebra course and a general chemistry course with a laboratory component. Applicants with prior professional experience may petition for advanced standing in the clinical portion of the program.

The A.A. Degree with a Specialization in Respiratory Therapy

Preparation:

BIO 3	General Microbiology	(4)
BIO 41AB	Human Anatomy and Physiology	(4.4)
ENG 10	Communications Skills	(3)

Requirements (Human Services Core):

HSP 94	Concepts and Issues in Gerontology	(3)
PHI 21	Moral Values and Ethical Decisions	(3)
PSY 1	General Psychology	(3)
RST 78	Death and Dying	(3)
SOC 5	Sociological Perspectives	(3)

Requirements (Major):

RTH 12	Fundamentals of Respiratory Therapy	(3)
RTH 20	Principles of Respiratory Equipment	(4)
RTH 30A	Applied Respiratory Therapy	(6)
RTH 30B	Assessing Cardio-respiratory Function	(4)
RTH 35	Respiratory Therapy Practicum	(4)
RTH 40A	Directed Studies in Respiratory Therapy	(8)
RTH 40B	Selected Topics in Respiratory Therapy	(2)

Total units in Respiratory Therapy: 31

Total units in Human Services Core: 15

Total units for preparation: 15

The Respiratory Therapy Program (B.S. Degree)

The baccalaureate degree in respiratory therapy is intended for graduates of associate degree programs in respiratory therapy who are planning on obtaining leadership positions within the profession. Presently, applicants may select either an administrative or educational tract. It is, therefore, strongly suggested that applicants to the upper division curriculum have at least one (1) year of clinical experience after completion of the associate degree. This will enable the applicant to make a more realistic career decision. While possession of a valid credential from the National Board for Respiratory Therapy is no longer an absolute precondition for admission, preference will be given to those applicants possessing such a credential.

The B.S. Degree with a Major in Respiratory Therapy

Transfer Requirements: An Associate Degree from a respiratory therapy program accredited by the Joint Review Committee for Respiratory Therapy Education, to include:

- A) an introductory course in Sociology (equivalent to SOC 5),
- B) an introductory course in Psychology (equivalent to PSY 1).

Preparation:

BIO 150	Biology of Aging	(3)
BIO 151B	Medical Physiology	(4)
BUS 111	Management of Health Services	(3)
or		
PSY 134	Learning	(3)
MTH 135	Introduction to Biostatistics	(3)
SOC 117	Research Methods	(3)

Requirements (Human Services Core):

BUS 157	Personnel	(3)
HSP 194	Concepts and Issues in Gerontology	(3)
PHI 21	Moral Values and Ethical Decisions	(3)
PHI 168B	Bioethics	(3)
PSY 135	Group Dynamics	(3)
RST 78	Death and Dying; Religious Aspects	(3)

Requirements (Major):

RTH 171	Professional Trends	(2)
RTH 172	Roles and Functions of RT Practitioner	(3)
RTH 173A	Current Concepts in RT Management	(5)
or		
RTH 173B	Current Concepts in RT Education	(5)
RTH 174	Information Processing/Media Seminar	(3)
RTH 175A	Practicum in RT Management	(6)
or		
RTH 175B	Practicum in RT Education	(6)

Plus other general studies requirements and electives totaling 129 semester units.

RTH 12 Fundamentals of Respiratory Therapy (3)

A course designed to present key concepts in the domain of respiratory therapy. Areas covered include: cardio pulmonary structure, the process of normal ventilation, emergency cardio pulmonary resuscitation, basic oxygen therapy and aerosol therapeutics. Also, included will be an introduction to the process of assessing cardio pulmonary function. (Lecture, 2 hrs., laboratory 3 hrs.)

RTH 30A Applied Respiratory Therapy (6)

The focus will be on the supervised practice of respiratory therapy in the acute care facility. Areas to be mastered include: airway management, advanced life support techniques, sustained as well as periodic mechanical ventilation, chest physiotherapy, aerosol therapy and oxygen therapy. The clinical management of the patient afflicted with ventilatory failure will be stressed. (Laboratory 3 hrs., clinical 9 hrs.)

RTH 20 Principles of Respiratory Therapy Equipment (4)

A course intended to present basic physical laws and mathematical principles as they apply to the design and operation of common-place respiratory therapy equipment. Equipment covered will include oxygen administration and monitoring devices, nebulizers, positive pressure ventilators, manual resuscitation units and incentive spirometers. (Lecture, 2 hrs., laboratory 3 hrs.)

RTH 30B Assessing Cardio Respiratory Function (4)

The emphasis will be on the methodologies used to qualify and quantify the effectiveness of cardio respiratory function. Areas developed include: arterial and venous blood gas analyses, basic pulmonary spirometry, dead space to tidal volume ratios, shunt studies and cardio-vascular hemodynamics. (Lecture 1 hr., clinical 9 hrs.)

RTH 35 Respiratory Therapy Practicum (4)
The concentrated Interterm format affords the opportunity for extended clinical experience and evaluation. Students will have obtained and be expected to demonstrate competency in respiratory therapy procedures in accordance with criteria promulgated by the National Board for Respiratory Therapy, Inc. (Clinical 30 hrs./4 weeks.)

RTH 40A Directed Studies in Respiratory Therapy (3)

The focus will be on establishing performance competencies in selected areas of applied respiratory therapy. Internships will be available in one of the following speciality areas: clinical practice, neonatal/pediatric therapy or pulmonary rehabilitation. Clinical 27 hrs. (May be taken credit/no credit. RTH 40B to be taken concurrently.)

RTH 40B Selected Topics in Respiratory Therapy (2)

Emphasis will be on those advanced procedures being incorporated into the domain of respiratory therapy. Topics will include: respiratory pharmacology, neonatal transport, mass spectrometry, exercise testing and cardiac monitoring. Lecture class.

RTH 171 Professional Trends in Respiratory Therapy (2)

A course describing, in detail, those agencies responsible for the development and advancement of the respiratory therapy profession. Attention will be directed to: the institutional guidelines of the Joint Commission on the Accreditation of Hospitals (JCAH), educational essentials promulgated by the Joint Review Committee for Respiratory Therapy Education (JRCRTE) and credentialing standards established by the National Board for Respiratory Therapy (NBRT). The role of the American Association for Respiratory Therapy (AART) will also be presented. (Lecture 2 hrs.)

RTH 172 Examining the Roles and Functions of the Respiratory Therapy Practitioner (3)

A course in which the roles and functions of the entry-level and advanced-level practitioners will be defined. Reference will be made to the Role Delineation document as well as published position papers on various aspect of applied respiratory therapy. Course projects will be designed to facilitate goal identification and the planning process. Standards for assessing competent clinical practice will be examined. Lecture 3 hrs.

RTH 173A Current Concepts in Respiratory Therapy Management (5)
Study of the special challenges of managing a respiratory therapy services department. Introduction to the principles of organization, planning, managerial function and decision making. Emphasis will be placed on communication, supervision, budget, materials management, and inventory control. Course projects will be designed to simulate actual departmental management problems in respiratory care. Lecture 3 hrs., laboratory 6 hrs.

RTH 173B Current Concepts in Respiratory Therapy Education (5)

A course designed to impart those skills required of those intending to teach respiratory therapy in formal education programs. Areas developed will include: the generation of instructional objectives, the establishment of performance standards, the identification of appropriate instructional strategies and the development of reliable and valid measurement instruments. Students will be given the opportunity to demonstrate proficiency in these skills in supervised situations. Lecture 1 hr., laboratory 6 hrs.

RTH 174 Information Processing-media Production Seminar (3)

A course in which the key concepts associated with the processing and presentation of information will be presented. The student will prepare a formal report of an audio visual package and field test the final product. Lecture 3 hrs.

RTH 175A Practicum: Respiratory Therapy Management (6)

Actual field work as an administrative intern in a local respiratory therapy service. Department directors will act as mentors, exposing the interns to the responsibilities and practices of departmental administration. Interns will increase their knowledge and application of business and professional fields by analyzing and evaluating their experiences at seminar sessions with fellow interns, mentors and faculty. Lecture 1 hr., laboratory 15 hrs.

RTH 175B Practicum in Respiratory Therapy Educational Techniques (6)

A course permitting the application of theories and concepts associated with the training of respiratory therapy practitioners. Students will be assigned to a mentor and engage in the actual application and evaluation of educational techniques appropriate to respiratory therapy. Continued assessment will be pro-

vided by participation in a weekly seminar session with fellow interns, mentors and faculty. Lecture 1 hr., laboratory 15 hrs.

ROTC

Aerospace

Through a cross-town agreement Mount St. Mary's College students may take part in the Loyola-Marymount University Air Force ROTC program.

AER 95AB The United States Air Force	(1,1)	AER 197AB American Defense Policy	(3,3)
The study of the mission and organization of the United States Air Force.		Prerequisites: AER 095ABCD; AER 096ABCD.	
		Corequisite: AER 197CD.	
AER 95CD Leadership Laboratory I, II	(0)	AER 197CD Leadership Laboratory V, VI	(0)
AER 96AB Development of Air Power	(1,1)	AER 198CD Leadership Laboratory VII, VIII	(0)
AER 96CD Leadership Laboratory III, IV	(0)	AER 198E Ground Instruction Preparation for flight.	(2)

Navy/Marine Corps Officer Training

Through arrangements with the Naval Science Department of the University of California Los Angeles, qualified students at Mount Saint Mary's College may enroll in the UCLA NROTC. This program leads to a reserve commission as an Ensign in the U.S. Navy or a Second Lieutenant in the U.S. Marine Corps. Academic classes within the NROTC program are counted as elective units toward graduation. Qualified students additionally may apply for NROTC scholarships which provide tuition and fee payment at Mount St. Mary's College, plus a \$100 monthly subsistence allowance. Interested students should contact the following for additional information:

Naval Science Department
 University of California, Los Angeles
 405 Hilgard Avenue
 Los Angeles, CA 90024
 Phone (213) 825-9075

Courses offered as part of the NROTC program at UCLA (quarter units):

NAV 1A	Introduction to Naval Science	(1)
NAV 2A	Naval Ship Systems I	(4)
NAV 20A	Seapower and Maritime Affairs	(2)
NAV 20B	Naval Ship Systems II	(4)
NAV 101A	Navigation I (Coastal Piloting)	(4)
NAV 101B	Navigation II (Celestial and Electronic)	(4)
NAV 102BC	Leadership and Management	(6)
NAV 103	Evolution of Warfare	(2)
NAV 104	Amphibious Operations	(2)

SOCIAL SCIENCE

The Social Science major is an expanded area major with a choice of five emphases: Hispanic civilization, history, political science, public administration, and sociology.

The variations within the major make it possible for students to direct their studies into particular areas of interest. A core of studies is directed toward fiscal problems, employment, technology, societal roles, ecology, and the general strategy of government.

The B.A. Degree with a Major in Social Science

Hispanic Civilization Emphasis

Preparation:

HIS 1AB	Western Civilization	(3-3)
SPA 25AB	Advanced Spanish Grammar or its equivalent	(2-2)
—	Six lower division units in history or in the Culture and Civilization series	(6)

Requirements:

SPA 112AB	Introduction to the Study of Spanish Literature	(3-3)
HIS 162AB	History and Civilization of Latin America	(3-3)
18 units from the following elective courses or approved substitutes:		
SPA 42/142	History and Civilization of Spain	(3)
SPA 109	Stylistics and Composition	(3)
SPA 115	Applied Linguistics	(3)
SPA 118	Historical Grammar	(3)
SPA 123	Literary Expression of Medieval Thought	(3)
SPA 124	Golden Age Literature	(3)
SPA 130	19th Century Spanish Literature	(3)
SPA 132	Studies in the Generation of 1898	(3)
SPA 135	Peninsular Literature of the 20th Century	(3)
SPA 140	The "Modernista" Poets	(3)
SPA 141	The Spanish-American Novel from 1910 to the Present	(3)
SPA 143	The Spanish-American Short Story	(3)
SPA 190	Special Studies	(3)
HIS 125	Cultural and Historical Geography	(3)
HIS 160	Social History of Spain	(3)
HIS 165A	Latin American Culture	(3)
HIS 165B	The Spanish-Speaking in the United States	(3)
HIS 193	Studies in Selected Historical Topics	(3)

Total units in history, Spanish: 46

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Social Science

History Emphasis

Preparation:

HIS 1AB	Western Civilization	(3-3)
POL 1 or POL 10	American Government and Institutions	(3)
	Political Concepts	(3)

Recommendations:

ECO 1 or ECO 2	Economics I (Microeconomics)	(3)
Two modules from HIS 7ABDEFGHI	Economics II (Macroeconomics)	(3)
HIS 25	American Civilization	(2)
HIS 25	Cultural and Historical Geography	(3)

Requirements:

Ten upper division courses including:

HIS 101	Writing of History	(3)
—	Two-course sequence in American history	(6)
—	Two-course sequence in European history	(6)
—	Three upper division courses in economics political science, or sociology	(9)

Total units in social science: 39

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Social Science

Political Science Emphasis

Preparation:

HIS 1AB	Western Civilization	(3-3)
POL 10	Political Concepts	(3)

Recommendations:

HIS 7ABCDEFGHI	American Civilization	(9)
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Requirements:

—	Seven upper division courses in political science	(21)
—	Three upper division courses in history or	

economics or sociology (9)
Total units in major courses: 36

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The B.A. Degree with a Major in Social Science

Public Administration Emphasis

Preparation:

POL 1	American Government and Institutions	(3)
or		
HIS 76	American Democratic Republic	(3)
POL 10	Political Concepts	(3)

Recommendations:

BUS 115	Accounting I	(3)
ECO 1	Economics I (Microeconomics)	(3)
or		
ECO 2	Economics II (Macroeconomics)	(3)

Requirements:

POL 185	Public Personnel Administration	(3)
POL 186	Introduction to Public Administration	(3)
POL 187	Organizational Theory and Governmental Management	(3)
POL 191	Internship in Government Service	(3)

Eighteen units from the following courses:

ECO 131	Public Finance	(3)
MTH 109	Introduction to Computer Processes	(3)
MTH 138	Elements of Probability and Statistics	(3)
POL 102	Comparative Politics	(3)
POL 107	Political Economics	(3)
POL 108	American Constitutional Law	(3)
POL 134	International Organization	(3)
POL 170	American Party Politics	(3)
or		
POL 175	Selected Topics in the American Political Structure	(3)
POL 180	State and Local Government	(3)
SOC 161	Dynamics of Majority-Minority Relations	(3)
SOC 175	Urban Sociology	(3)

Total units in social science: 36

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

All courses are described in the respective department listings.

SOCIOLOGY

The major in sociology is basically a study of people as they live together in groups. Sociologists in the past have contributed important information and insights to discussions of urbanism, education, the racial situation, and legislation to prevent poverty and to eliminate crime. By inquiring into the structure and dynamics of modern society, the student develops a capacity for viewing our changing social world objectively, critically, and creatively.

The B.A. Degree with a Major in Sociology

Preparation:

ANT 2	Cultural Anthropology	(3)
MTH 38	Elements of Probability and Statistics	(3)
POL 1	Political Concepts	(3)
PSY 1	General Psychology	(3)

Requirements:

SOC 104	The Family	(3)
or		
SOC 195	Sociology of Religion	(3)
SOC 110	Deviant Behavior, Juvenile Delinquency	(3)
or		
SOC 111	Deviant Behavior Criminology	(3)
SOC 117	Research Methods	(3)
SOC 145	Social Psychology	(3)
SOC 161	Dynamics of Majority-Minority Relations	(3)
SOC 165	Development of Social Thought	(3)
SOC 166	Contemporary Sociological Theory	(3)
SOC 175	Urban Sociology	(3)
	Plus any two other upper division courses	(6)

Total units in Sociology: 36

Plus general studies requirements and electives totaling 129 semester units, including foreign language requirement.

The Minor in Sociology

A minimum of seven courses in sociology, including:

SOC 5	Sociological Perspectives	(3)
One course in sociological theory		
One course in research methods		

SOC 4	The Family	(3)
The study of the family as a primary group and as an institution. Varieties of family patterns, pre-marital and marital behavior, child-parent relationships, and family disorganization and reorganization are considered.		
SOC 5	Sociological Perspectives	(3)
A basic course presenting the vocabulary of sociology; its concepts; the varied aspects of social structure and function of the rural-urban shift; with special emphasis on problems of minorities and of population increase. This course is a prerequisite for all upper division sociology courses.		

***SOC 65 Development of Social Thought** (3)

An examination of selected types of social thought from primitive speculation to early modern scientific inquiry.

SOC 104/204 The Family (3)

The structure of the family as institution. Change as it affects the structure of the family, the functions it performs, and the definition of member roles. Involves a comparison of types of family systems.

SOC 110/210 Deviant Behavior: Juvenile Delinquency (3)

An analysis of basic theoretical orientations to social and personal disorganization of the juvenile in twentieth century American society. Special emphasis on contemporary problems and movements of the youth scene.

SOC 111/211 Deviant Behavior: Criminology (3)

An analysis of basic theoretical orientations to social and personal disorganization of the adult in twentieth century American society. An examination of the various types of individual and group deviance.

SOC 117 Research Methods (3)

Study of the techniques and methods used in sociological research with a critical analysis of research studies.

SOC 125/225 Comparative Social Structures (3)

An examination of the basic social structures of society. A study of the similarities and differences between societies, including a comparison of primitive and modern cultures. A special emphasis will be placed on the dominant American culture as contrasted with the subcultures in today's society, primarily, the Spanish-speaking sub-cultures.

SOC 128 Introduction to Social Work (3)

Historical review of the social welfare policies and practices which influence today's social work practice. Introduction to the basic methodologies of casework, group work, community organization, with an examination of the social worker's role and skills in the various methods. This course will introduce the prospective social worker to the basic methods, the historic perspective, and the setting where the social worker functions.

SOC 137 Culture and Personality (3)

A study of relationships between culture and personality with a cross-cultural approach to determine what is universal and what is unique among peoples of the world. The processes of socialization, enculturation, cultural transmission of aging will be examined along with language and personality, minority consciousness, national character and the technocratic personality in the industrial society.

SOC 145 Social Psychology (3)

See PSY 145.

SOC 152 Group Processes (3)

Systematic study of the formation, structure, and functioning of groups; analysis of group processes and group products from a variety of theoretical viewpoints.

SOC 153 Sociology and Literature (3)

A discussion of the usefulness of literature in the study of sociology. Particular emphasis on selected works that bring to life or actualize certain specific sociological theories.

SOC 161/261 Dynamics of Majority-Minority Relations (3)

A study of majority policies toward minorities and of alternative minority responses to prejudice and discrimination. Special emphasis given to American minorities (racial and cultural) and to the impact of differential treatment upon minorities-within-minorities: e.g. children vis-a-vis the school, adults and employment opportunities, and the aged in a youth-oriented society.

SOC 166/266 Contemporary Sociological Theory (3)

A critical evaluation of major contemporary sociological theorists as representative of various schools of sociological inquiry and analysis.

SOC 175/275 Urban Sociology (3)

A study of the change from rural to urban societies and the problems of adaptation created by this change. Major emphasis on the history of urbanization, demographic changes, the anti-urban bias, and social problems related to urbanization. Analysis of such problem areas as education, race, housing, poverty, welfare, taxation, etc.

SOC 179 Sociology of the Arts (3)

An introduction to the sociology of the arts in which relationships between social institutions and various forms of artistic expression are ex-

plored. This will involve an examination of the impact of the arts upon society and of society upon the arts with special attention being given to cross-cultural studies.

SOC 180/280 Social Stratification (3)

An examination of systems of class and caste, with special attention to the United States; and exploration of such elements of stratification as status, occupation, income, and others; a thorough examination of the style of life of minorities, the poor, the elite, and the middle class.

SOC 185/285 Political Sociology (3)

A course designed to provide the student with an understanding of the organization of power and an analysis of the social basis of power and political institutions. This understanding of politics is used to analyze political behavior, political bureaucracies, political movements, interest groups, and social change. A review of some cross-cultural research is included.

SOC 189 The Sociology of Aging (3)

An exploration of the sociological definitions of aging, the demography of the aged and role changes, particularly from work to retirement. Included also are studies of class and caste and the effects of social status upon the quality of life of the elderly with an emphasis on employment opportunities, financial resources and service programs.

SOC 190 Social Change (3)

An examination of the areas of social change in American society with an emphasis on understanding the past in order to project ex-

pected changes in the future. Attention is paid to the influences of internal and external factors upon social structures as well as the effect those changes have upon various segments of our society over the life-cycle.

SOC 195/295 Sociology of Religion (3)

Religious belief and religious behavior as they influence other dimensions of social behavior. Social conditions as they influence belief and action.

SOC 197 Applied Sociology (1-4)

An opportunity to apply the principles of sociology to an area of special student interest. Directed study under the auspices of community agencies. *Prerequisites: three courses including Sociological Perspectives; Methods of Research; and one upper division sociology course. Permission of the instructor is required.*

SOC 198 Readings in Sociology (1-6)

Intensive and independent study in a field of special interest at the culmination of one's sociological work.

SOC 199 Special Studies (1-6)

A more advanced or specialized treatment of an area covered in the regular course list.

SOC 212 Contemporary Social Issues (3)

An explication and analysis of the institutional disjunctions, the conflict between value systems, and the stresses between majority and minority groups in contemporary society. Special emphasis on America's largest minorities with Spanish-speaking minorities as cases in point.

SPANISH

Departmental Affiliation: Foreign Language and Literature

The Department of Foreign Language and Literature offers majors and minors in French and Spanish (for French course description, see alphabetical listing).

The major in Spanish is a comprehensive program leading to a proficiency in the four basic language skills: speaking, reading, writing, and understanding. Incorporated into the program are the culture and civilization of the Spanish-speaking world. Students may plan their programs with an emphasis on language, literature, or international business.

Admission to the major is determined by the faculty of the department when the student applies.

The B.A. with a Major in Spanish

Preparation:

SPA 4A	Intermediate Spanish: Introduction to Spanish Literature	(3)
SPA 4B	Intermediate Spanish: Introduction to Spanish Culture	(3)
SPA 8	Phonetics and Conversation	(3)
SPA 25AB	Advanced Grammar	(3,3)

Requirements:

SPA 109	Stylistics and Composition	(3)
SPA 112A	Spanish Literature: Medieval, Renaissance, Golden Age	(3)
SPA 112B	Spanish Literature: 19th and 20th Centuries	(3)
SPA 191	Senior Thesis	(1)
	A course in the Golden Age	(3)
	A course in the Contemporary Period	(3)
	A course in the literature or civilization of Latin America	(3)
	Two additional upper division courses in Spanish literature, language or civilization	(6)

The Minor in Spanish

Requirements:

A minimum of 21 units chosen from

SPA 4A	Intermediate Spanish: Introduction to Spanish Literature	(3)
SPA 4B	Intermediate Spanish: Introduction to Spanish Culture	(3)
SPA 8	Phonetics and Conversation	(3)
SPA 25AB	Advanced Grammar	(3,3)
SPA 42	History and Civilization of Spain	(3)
SPA 109	Stylistics and Composition	(3)
SPA 112A	Spanish Literature: Medieval, Renaissance, Golden Age	(3)
SPA 112B	Spanish Literature: 19th and 20th Centuries	(3)
	International Business Emphasis	

Requirements:

SPA 110	Writing for International Business	(3)
SPA 114	Interpretation and Translation	(3)
SPA 145	Contemporary Hispanic Culture	(3)

SPA 1, 2 Elementary Spanish	(3, 3)	SPA 3 Intermediate Spanish	(3)
Develops fundamental skills in speaking, reading, understanding, writing. Use of the language laboratory is required. Classes feature demonstration, active practice and exchange in Spanish.		Continues the development of all four language skills, emphasizing vocabulary building, perfecting pronunciation, increasing fluency. Language laboratory use is required. Class conducted in Spanish. <i>Prerequisite: SPA 2 or placement test.</i>	

SPA 4A Introduction to Spanish Literature (3)
Selected pieces of literature are analyzed and discussed in Spanish. The four skills are further developed with special stress on speech and writing.

SPA 4B Introduction to Spanish Culture (3)
Readings in Spanish culture are analyzed and discussed. Reading, writing, speaking and comprehension in Spanish are developed.

SPA 8 Phonetics and Conversation (3)
Concentrates on the essentials of phonetics, vocabulary building and conversation at the intermediate level with emphasis on correct intonation and pronunciation. *Prerequisite: SPA 3.*

SPA 9 Spanish for the Medical Worker (3)
Essential Spanish vocabulary and phrases for a variety of medical situations including admitting, taking case history, emergency room, delivery room, inhalation therapy, outpatient care and preparing for surgery. Patient and medical worker role-playing is stressed.

SPA 25AB Advanced Grammar (3,3)
A thorough review of the structure of the language with concentration on the more complex points of Spanish grammar; exercises in prose composition. *Prerequisites: SPA 4AB.*

SPA 42 History and Civilization of Spain (3)
A background course for the study of Peninsular literature and affairs. Historical, social and cultural development of Spain.

SPA 109 Stylistics and Composition (3)
A study of the stylistic elements of each of the literary genre. Written and oral analysis of selected masterpieces. *Prerequisite: SPA 25A.*

SPA 110 Writing for International Business (3)
Word usage, forms and vocabulary for modern, effective business communication in correspondence, reports and presentations.

SPA 112A Spanish Literature: Medieval, Renaissance, and Golden Age (3)
An introduction to Spanish literature from its beginnings to 1700 in poetry, drama, and prose.

SPA 112B Spanish Literature: The 19th and 20th Centuries (3)
Prose, poetry and drama of Spain are traced from 1700 to the present.

SPA 114 Interpretation of Translation (3)
Customary forms of expression, the elements of sentences and discourse are analyzed and manipulated in translation and interpretation of business-related materials in Spanish and English. Both consecutive and simultaneous systems are studied. Emphasis on accuracy, speed, clarity, and organization.

SPA 115/215 Applied Linguistics (3)
The linguistic approach to the teaching of Spanish.

SPA 118/218 Historical Grammar (3)
Origins and development of the language to modern times.

SPA 123 Literary Expression of Medieval Thought (3)
Themes, ideas, and forms of medieval literature as an expression of the life, thought and attitudes of the Middle Ages: poetry, prose, and drama. *Prerequisite: SPA 112A.*

SPA 124/224 Golden Age Literature (3)
The development of Renaissance and Baroque writing from Garcilaso through Calderon. Interpretation and analysis of selected poems, plays and novels.

SPA 130/230 Nineteenth Century Spanish Literature (3)
Romanticism, Realism and Naturalism as manifested in the works of representative authors. Detailed study and analysis of selected works.

SPA 132/232 Studies in the Generation of 1898 (3)
The spirit of the Generation of '98 as reflected in the works of major representative authors. Intensive analysis of selected works.

SPA 135/235 Peninsular Literature of the Twentieth Century (3)
Major trends in peninsular poetry, theater, and prose fiction from 1898 to today. Intensive study of specific authors and critical analysis of selected works.

SPA 140/240 The "Modernista" Poets (3)
A study of the literary significance of "Modernismo" in Spanish-American poetry through an intensive study of its most representative

poets. Characteristics of the movement, its culmination and decadence. Interpretation and analysis of selected poems.

SPA 141/241 Spanish-American Literature of the Twentieth Century (3)
Major trends in Spanish-American poetry, theater and prose fiction from the early Twentieth Century to the present; their social and literary significance. Interpretation and critical analysis of representative works.

SPA 144 History and Civilization of Spanish America (3)

A background course for the study of Spanish-American literature. Historical, social and cultural development of Spanish America.

SPA 145 Contemporary Hispanic Culture (3)

Special emphasis on the ideas of today's mass media, the customs, political issues, literature, arts, popular culture, geography, and history of the Spanish-speaking people of the Twentieth Century.

SPA 147 Literary Analysis (3)

Introduction to the study of literary devices, figures of speech and the differentiation of literary genres.

SPA 190AB Special Studies (3,3)

Courses designed to investigate areas of special literary interests: genres, authors, themes. Internship program in areas related to Spanish.

SPA 191 Senior Thesis (1)

Spanish majors must complete a senior thesis in literature under the direction of a department member, enrolling in *SPA 191, Senior Thesis*, during the term in which they complete the work. Upon acceptance of the paper by the department, the student receives one unit of credit and no grade.

SPA 194 Study/Travel (1-6)
Pre-travel lectures and readings, as well as guided tours in the country, serve as basis for a study/travel program, with each participant developing a project highlighting the travel experiences.

SPA 199AB Independent Studies (1-3;1-3)
Directed readings and research. For qualified students with the approval of the department.

SPA 227 El Quijote (3)
The meaning of Cervantes' masterpiece is sought through a careful study of its form and content. Past and current interpretations are examined.

SPA 272AB Peninsular Literature Since the Civil War (3,3)

Analysis of the principal literary and ideological characteristics of post-Civil War Spanish letters through study of (a) the novel, selected examples, and (b) the theater from Buero Vallejo's early works to the present.

SPA 290 Directed Independent Studies (3)

Prerequisite: Graduate standing and acceptance by the department.

SPA 299AB Independent Studies (1-3;1-3)

Directed readings and investigation. For qualified students with the approval of the department.

SPA 331 Spanish for School Personnel, Level I (3)

Develops the most fundamental conversational Spanish skills for the classroom as well as reading, understanding, and writing abilities. Language lab, active class practice, and exchange in Spanish.

SPA 332 Spanish for School Personnel, Level II (3)

Continues progress of basic Spanish conversational skills for the teacher. Stress is on participation in class conversation as well as on developing skills in reading, understanding, and writing. Language lab every session.

SPECIAL PROGRAMS

INT 31 Focus I (2)

A seminar for women returning to higher education designed to focus personal goals and academic options, to provide supportive discussion of the problems of "re-entry" and to consider the risks and rewards of reassessment and growth. The course seeks to heighten

one's ability to see, power to act more resolutely, wisdom to accept both the consequences and the continuing questions.

INT 32 Focus II	(2)	SPR 25A Resident Assistant Seminar
A seminar for women returning to higher education designed to focus the problem of knowledge: the process, its extent and limits, its power and responsibilities, its application to problems in contemporary society. The question is approached from an interdisciplinary point of view with a panel of guest faculty present at each class meeting.		A more advanced course which focuses on the complexities of responding in counseling situations. Special attention is paid to self-understanding, empathy training and problem-solving. (Permission of instructor is required.)
INT 94 Study/Travel: Seminar	(1-6)	SPR 16A Leadership Seminar I (1)
INT 95 Study/Travel: European History and Culture	(1-6)	An introduction to the theory and issues of leadership, with particular emphasis on the application of these principles to women in higher education.
Physical Education		
PED 7 Aesthetics of Dance	(1-3)	SPR 16B Leadership Seminar II (1)
Study of the technical aspects of moving, creation of dances (choreography), philosophy and history of the dance, and critical appraisal and evaluation of professional dance performers. May be repeated for credit.		An investigation of the concepts and techniques of leadership which enables the student to assess individual leadership skills. Particular attention is devoted to the study of and participation in leadership skill-building workshops.
PED 8 Dance Workshop	(1-6)	SPR 18/118 Career Planning Seminar (1-2)
Application of techniques of dance with the opportunity for original performance.		Training in how to analyze one's needs, interests, skills and values; application to decisions about work, leisure time, choice of major and academic planning. Introduction to the most accurate sources of career information and traditional and non-traditional ways of finding a job, with special emphasis on resume writing and interviewing skills. Special topics such as integration of a career with family life may be discussed according to class needs.
PED 9 Physical Education	(½-1)	SPR 19 Personal Awareness (1)
May be repeated for credit.		An application of Abraham Maslow's theory of a hierarchy of needs to the life of the student. It will explore what these needs are, how the resources of the college can help in meeting these needs, and how to be more successful and efficient in meeting these needs.
SPR 11 Seminar	(1-3)	SPR 20 Reading and Academic Study Techniques (1-3)
May be repeated for credit.		An analytical method to strengthen reading efficiency: includes theory and practice to strengthen habits of systematic listening, notetaking, and techniques for handling related study problems; reference books, literary works, textbooks, and current academic readings. Credit for SPR 20 may not be counted toward the baccalaureate degree.
SPR 12 Studies in Humanities	(1-3)	SPR 60A Outreach: Social Action (1-3)
May be repeated for credit		A multi-faceted community action program geared to help people in need. Approximately twenty-five hours of volunteer work under supervision in an approved agency or center and a weekly seminar required. May be repeated for credit.
SPR 13 Studies in Contemporary Society	(1-3)	
May be repeated for credit.		
SPR 14 Independent Study	(1-3)	
May be repeated for credit.		
SPR 15 Workshop	(1-3)	
May be repeated for credit.		
SPR 25 Introduction to Peer Counseling		
A survey of the issues and skills needed by student paraprofessionals. Emphasis is placed on the experiential development of both leadership and counseling skills. Reference is made to the practical applications of skills for personal growth as well as campus peer counseling. (Open to all students and required of students applying for peer counseling positions.)		

SPR 60B Outreach: Fieldwork (1-3)
Consists of fieldwork related to a particular course or program. It extends the instructional process and awareness beyond the campus in order to have career-related experience, to derive meaning from real-life situations, and to give community service.

SPR 60C Outreach: Term (3)
An interdisciplinary focus on a "problem" and its complexities either on or off campus.

SPR 80 Group Experience (1)
Intended to assist students in orientation to college by providing each student with the opportunity to make her own choices, recognize her own values, and set her own goals in a group situation. Each group member has the opportunity to (1) find meaning in her college studies and related experiences; (2) develop a greater understanding of herself and others; (3) develop constructive feelings about herself, and (4) develop positive forms of behavior.

SPR 98 Special Experience (1-3)
This course has variable title, content, and credit. It is designed to give students the opportunity to obtain credit for an experience obtained prior to or concurrently with their regular classes. The specific course title and

description is prepared when the student enrolls in the course. A student may enroll in this course no more than three times.

SPR 99 Special Experience: Independent Study (1-3)
This course has variable title, content, and credit. It is intended to allow a student to engage in independent study under the direction of a faculty member. The specific course title and description is prepared when the student enrolls in the course. A student may enroll in this course no more than three times.

Extension Programs

Units in this area are for enrichment and will be accepted toward degree only on an individual basis.

Great Books Programs

EXT 365 Great Books — Leadership Training Course (3)
This course demonstrates the basic techniques for the selection, appreciation, and understanding of good literature for young people. It is designed for in-service teachers, business men and women, civic lay and professional groups. This is a three part course; all three parts must be successfully completed before credit is granted.

SPEECH AND DRAMA

SPE 10 Public Speaking (3)
Exercises in speaking before an audience; developing techniques of persuasive public utterance.

SPE 13 Oral Argument (3)
Techniques of organizing, constructing, and delivering oral argument; group discussion and platform practice.

***SPE 15 Drama in Action (3)**
Individualized training in performing and production aspects of the theater. May be repeated for credit.

SPE 191 Directed Study (1-3)
Study in a field of special interest, under the direction of a department member. May be repeated for credit.

SPE 192 Special Studies (3)
In-depth exploration of special interest areas in the study of speech and drama. May be repeated for credit.

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Teresa Jacobsen, M.A., *Reference Librarian, Chalon Campus*
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Sister Mary Murphy, CSJ, *Assistant Director of Financial Aid, Doheny Campus*
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Maura Walsh, *Director of Placement Services*
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 Diane Ward, *Government Relations Officer*

FACULTY

+ Sabbatical, 1980-1981

++ Sabbatical, Fall, 1980

*On leave, 1980-1981

**On leave, Fall, 1980

Katherine Abriam *Instructor*
 B.S.N., University of San Francisco;
 M.S.N., University of San Diego

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 M.S., M.A., Ed.D. (Cand.), University of Southern California.

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Mary Ann Bonino *Professor of Music*
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Sister Margaret Clare Borchard, CSJ

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Joan M. Cho *Assistant Professor of Nursing*
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Harp: Dorothy Remsen, Dorothy Victor.

Harpsichord: William Neil Roberts.

Violin: Israel Baker, Manuel Compinsky, Shirley Marcus, Sybil Maxwell, Seymour Rubinstein, Paul Shure, Henri Temianka.

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